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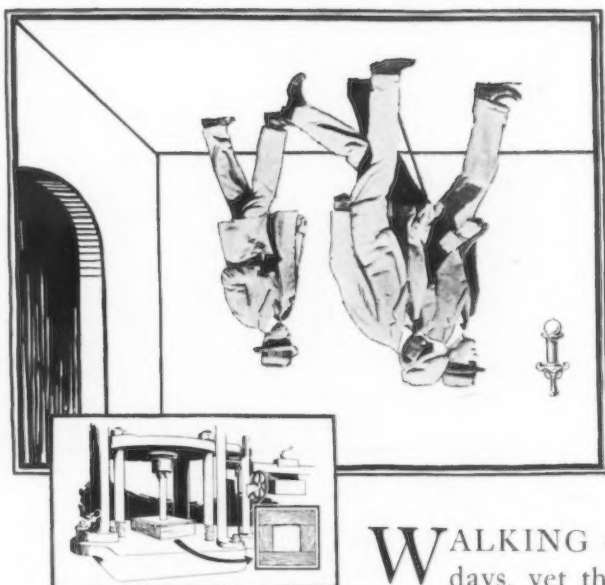
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RESIDENCE OF MRS. ARTHUR ROSE VINCENT, PEBBLE BEACH, CALIF.

GEORGE WASHINGTON SMITH, ARCHITECT

SPANISH ATMOSPHERE

[BY HARRIS ALLEN, A. I. A.]



HE traditions of California have developed very largely from memories of its early Spanish settlers and life on the great ranches of those days, feudal in character, picturesque to the Anglo-Saxon eye, alluring in its combination of placid indolence and gay fiesta.

As a setting for this "dolce far niente" existence, the ranch houses were well adapted. Simple, almost primitive, from force of local circumstances, there was yet a rather lordly air of spaciousness, of hospitality to the guest, of privacy for intimate family life, of security against marauders. Farm houses as they were, the influence of inherited customs dictated certain forms of arrangement and construction. The balmy climate, the luxuriant growth of trees and plants, the gently rolling contours of the country, all affected the general scheme of plantation architecture, while time mellowed the

ensemble and helped to produce that charm which has now become so familiar by the means of photograph and highway.

It is not strange, therefore, that when the era of unprecedented, almost incredible growth began in Southern California, these early traditions should have been seized upon and welded into the architecture of the day. Modified of necessity to suit modern requirements, exaggerated and adorned and abused at first (and, alas! even yet, in commercial housing operations), we have been coming closer and closer to the achievement of that Spanish atmosphere which was the glory of early California.

No one has approached more closely to the ideal than Mr. George Washington Smith, of Santa Barbara, some of whose recent buildings are shown in this issue. The "ideal" differs according to the individual viewpoint; but it may be broadly defined as a dwelling which might have been built by one of the Spanish colonists



Patio, Residence of Mrs. Arthur Rose Vincent

in California. Such accessories as iron, tile, modeled ornament, need not destroy the California character of the place so long as their use is not forced. Size has nothing to do with it; substance does; but it must have that intangible quality we call "atmosphere," and to create atmosphere one must be an artist.



Patio, Residence of Mrs. Arthur Rose Vincent

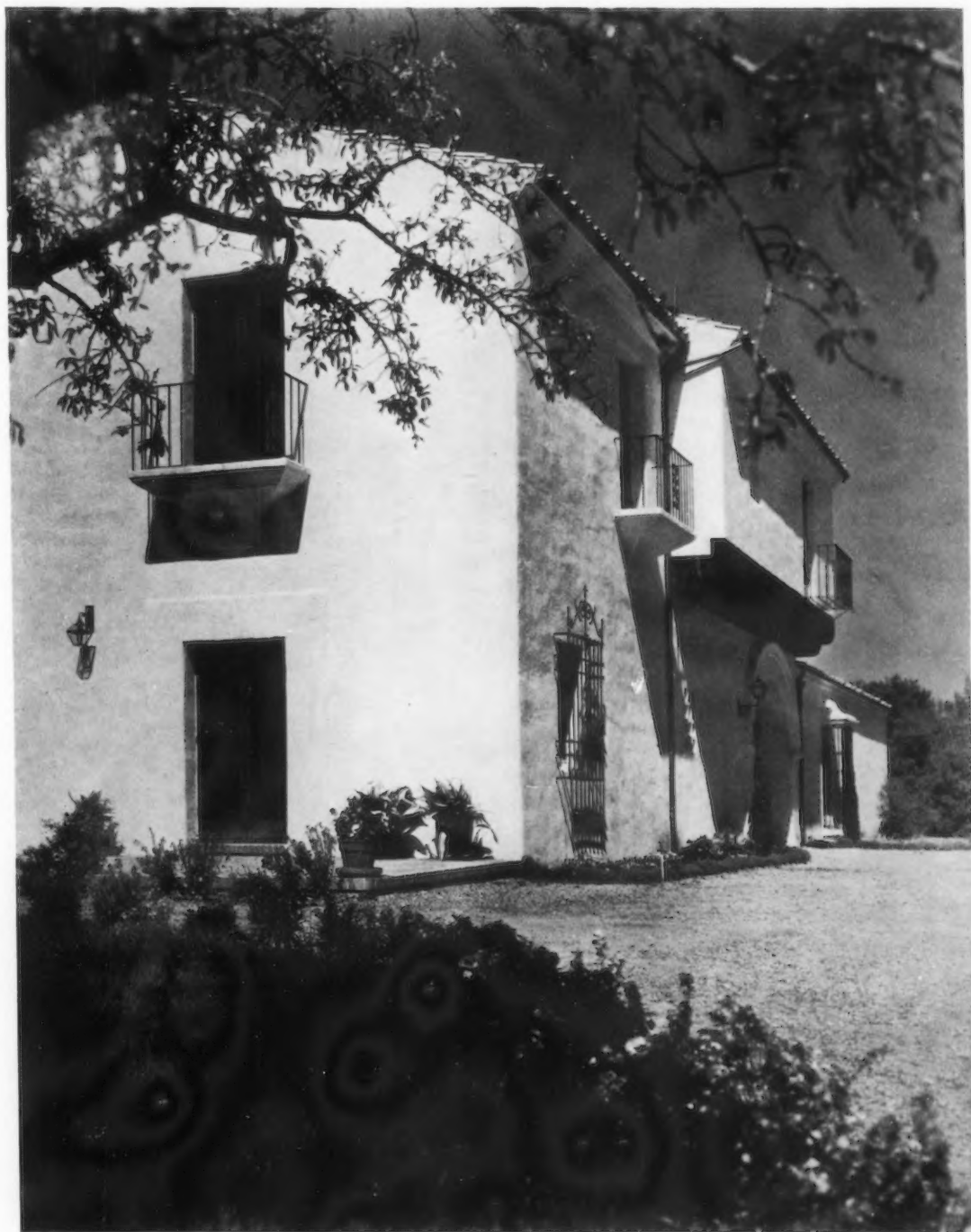
Mr. Smith is an artist. It is useless to try to analyze his compositions in cold blood, to call attention to the proportions of wall and window, the sense of informal balance, the vistas in house and garden. I suspect much of this is intuitive rather than intentional; not that his plans are not well studied, for it is obvious from the happy relations his houses bear to their sites, and from the easy sequence of interior apartments, that observation and thought have been used with discretion. But there is no effort of effect; indeed, there is a naiveté which is consummate art in itself.

Photographs of these houses convey but a meager impression of their delightful and virile quality. Mass and detail—yes, and the effect of

Doorway, Residence of Mr. George F. Steedman
Santa Barbara, California

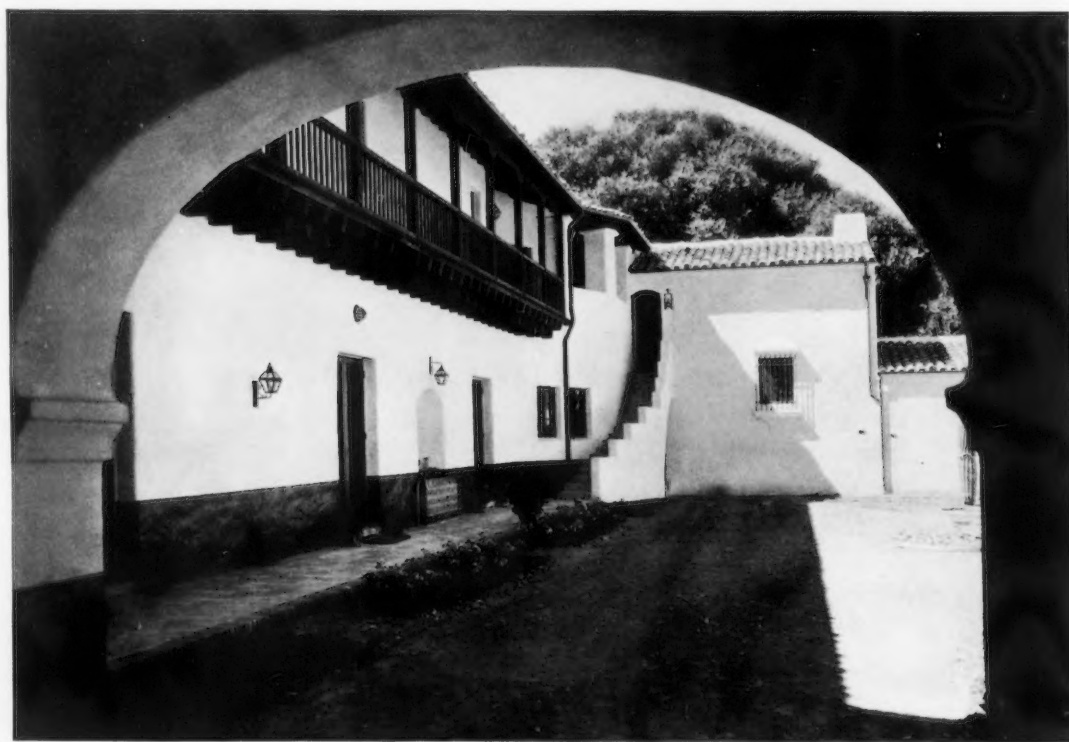
sunshine and shadow; but of color, of texture, of the values of materials, and reveals, and craftsmanship, it is difficult to judge without actually seeing the buildings themselves.

The beauty and traditional quality of Mr. Smith's work has, of course, set a style of which there are now hosts of examples. For this we may well be thankful. Copies of good things are better than poor originals; and our quick growth of foliage makes most of these more than just acceptable. You may be quite sure, however, that Mr. Smith's own work is unmistakable. Vary it as he may, there is always a quality, an atmosphere about it which speaks the language of traditional California as no one else has yet been able to do.



RESIDENCE OF COL. D. C. JACKLING, WOODSIDE, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

Photograph by Gabriel Moulin.



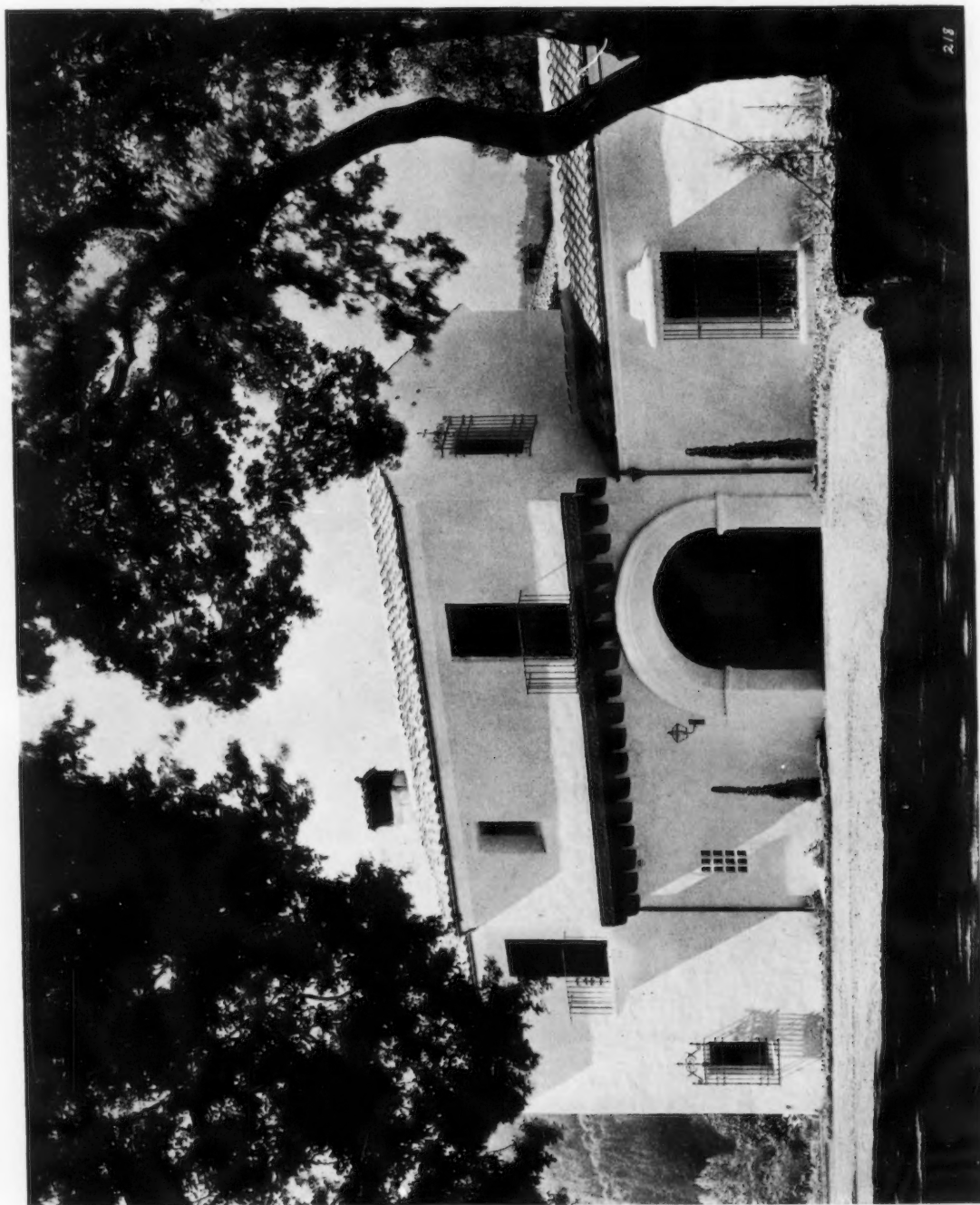
FORECOURT, RESIDENCE OF COL. D. C. JACKLING, WOODSIDE, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

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GARDEN FRONT, RESIDENCE OF COL. D. C. JACKLING, WOODSIDE, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

Photographs by Gabriel Moulin.



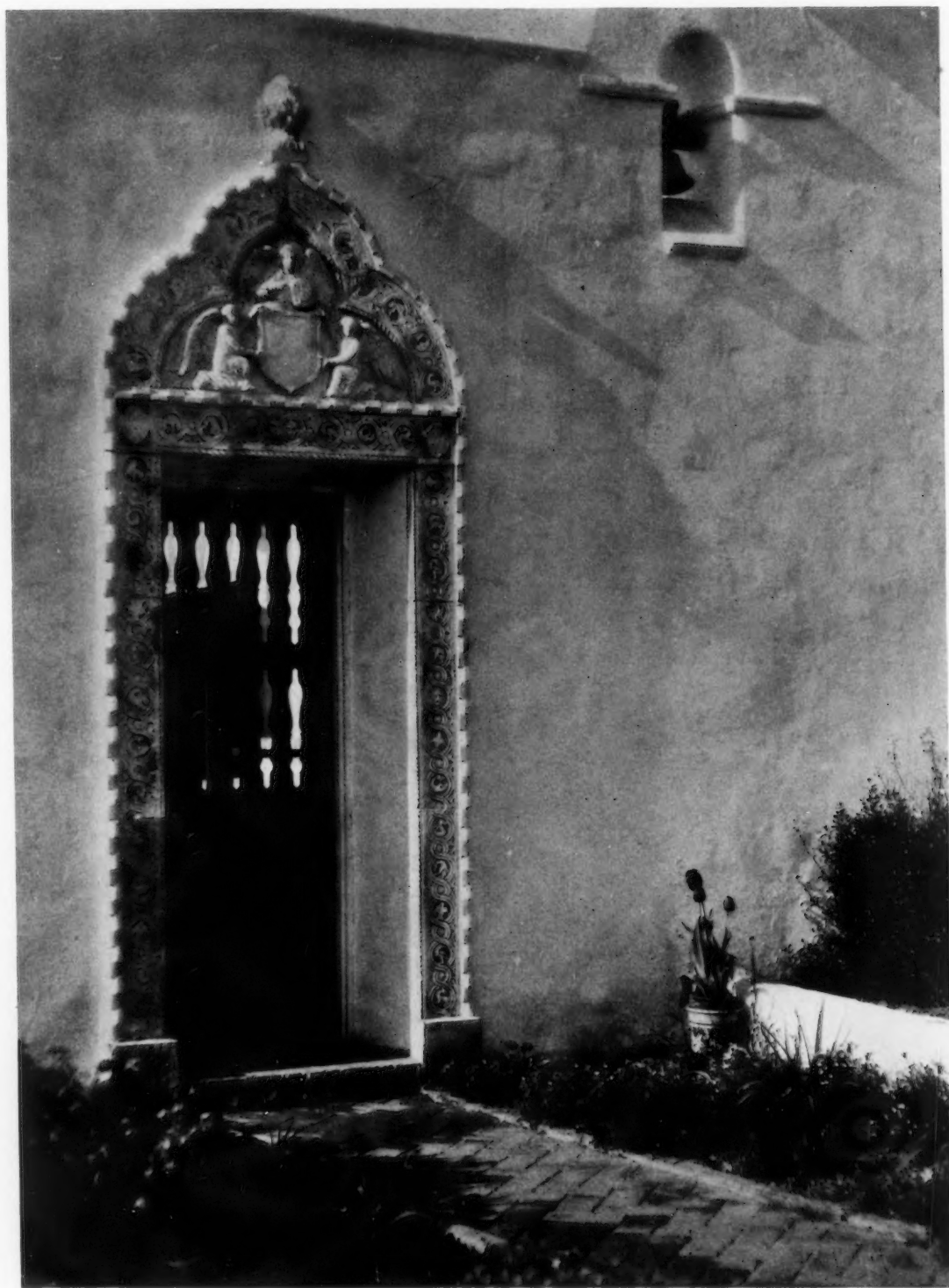
ENTRANCE GATEWAY, RESIDENCE OF COL. D. C. JACKLING, WOODSIDE, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

Photograph by Gabriel Moulin.



RESIDENCE OF MR. GEO. F. STEEDMAN, SANTA BARBARA, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

Photograph by J. W. Collins



GARDEN GATE, RESIDENCE OF MR. GEO. F. STEEDMAN, SANTA BARBARA, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

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GARDEN WALL AND CORNER, RESIDENCE OF MR. GEO. F. STEEDMAN, SANTA BARBARA, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

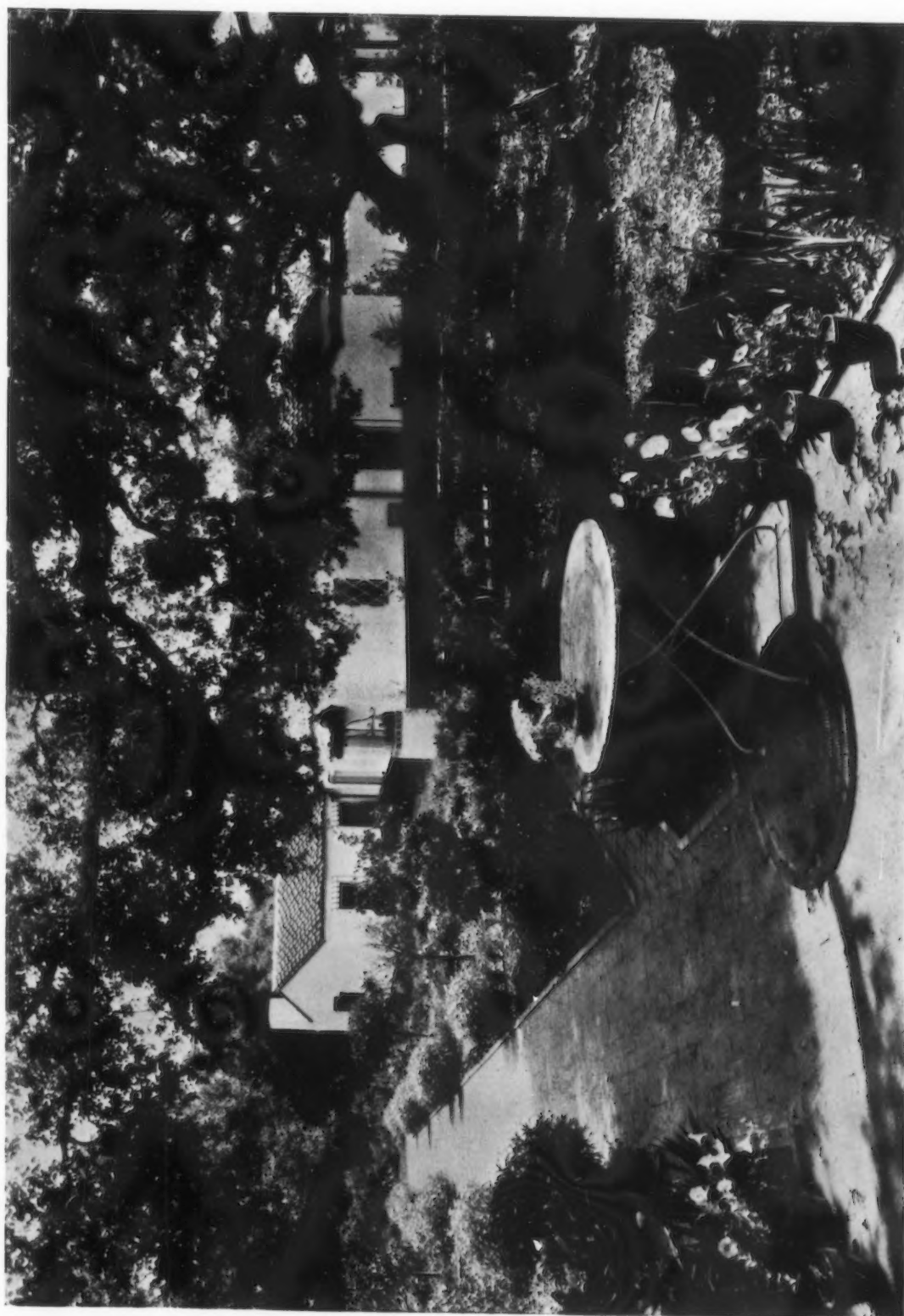
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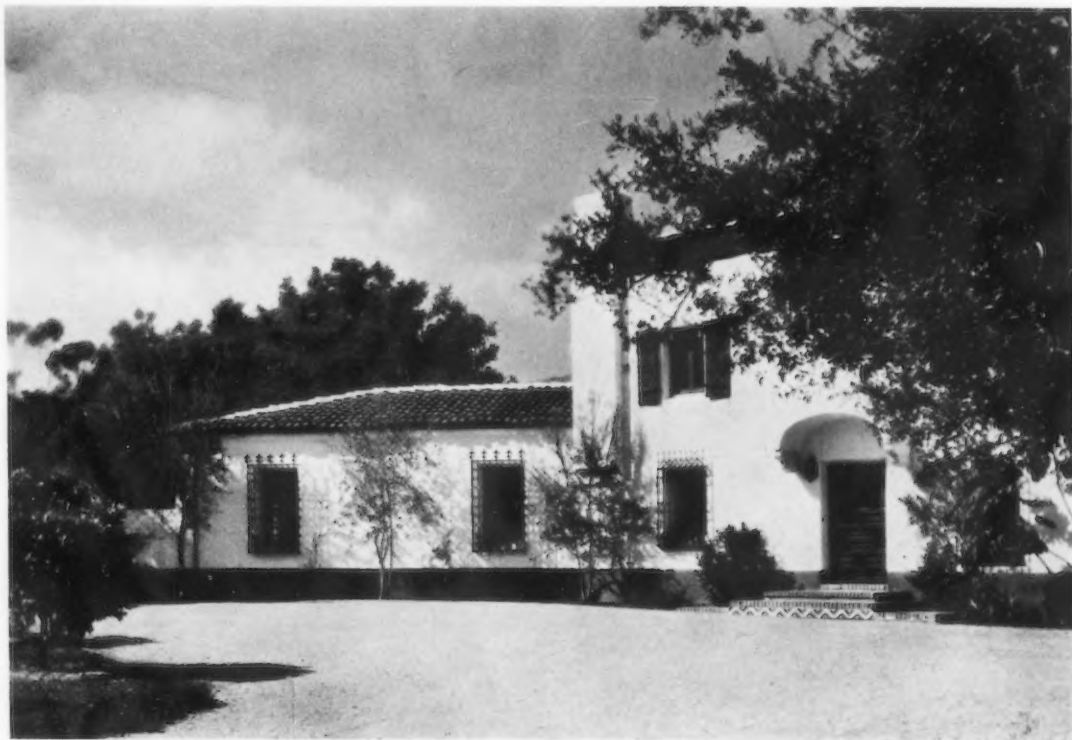


RESIDENCE OF MRS. EDWARD CUNNINGHAM, SANTA BARBARA, CALIFORNIA. GEORGE WASHINGTON SMITH, ARCHITECT
Photograph by J. W. Collinge



GARDEN WALL, RESIDENCE OF MRS. EDWARD CUNNINGHAM, SANTA BARBARA, CALIFORNIA
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DETAILS, RESIDENCE OF MRS. EDWARD CUNNINGHAM, SANTA BARBARA, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

Photographs by J. W. Collinge



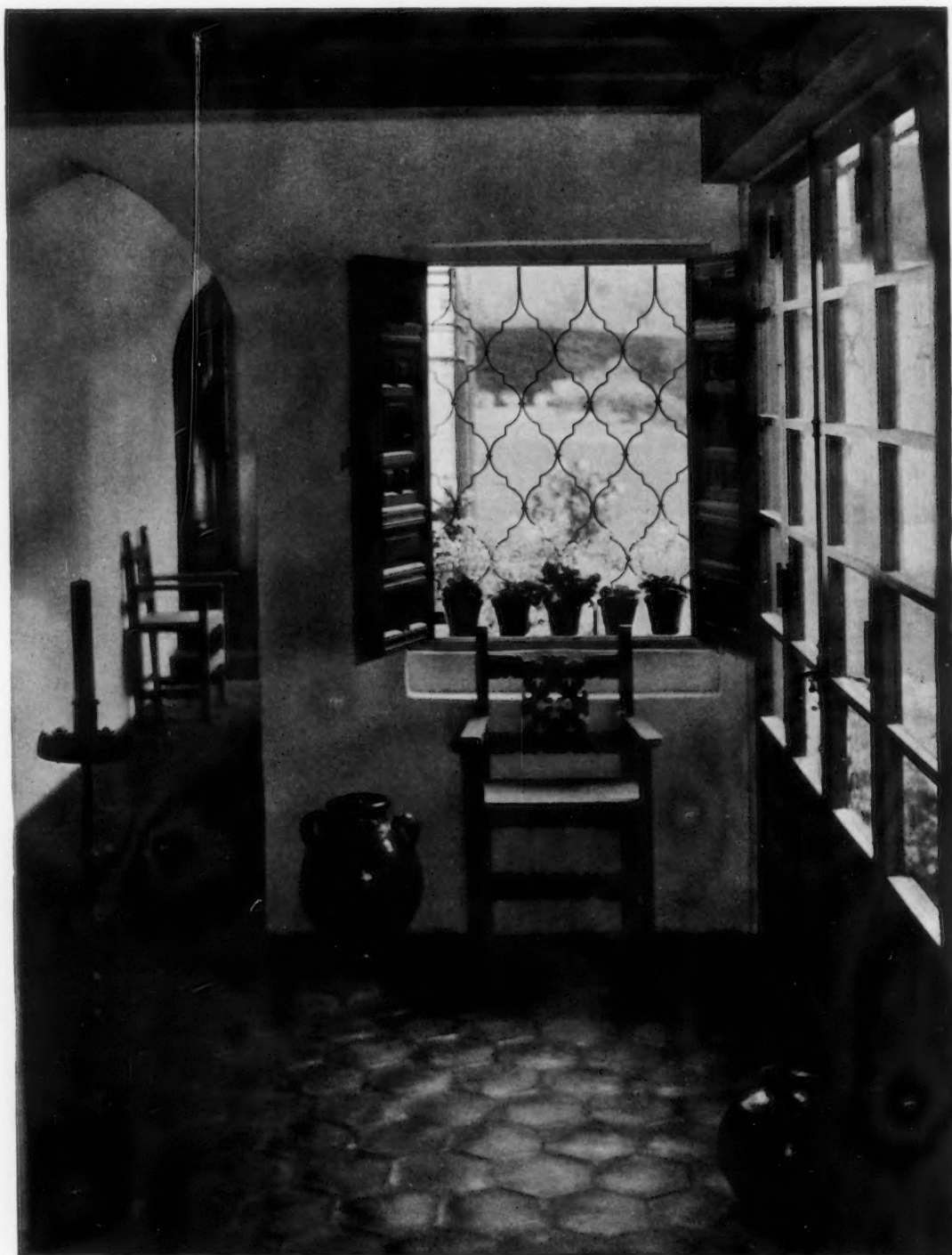
LIBRARY WINDOW, RESIDENCE OF MRS. EDWARD CUNNINGHAM, SANTA BARBARA, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

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LIBRARY, RESIDENCE OF MRS. EDWARD CUNNINGHAM, SANTA BARBARA, CALIFORNIA
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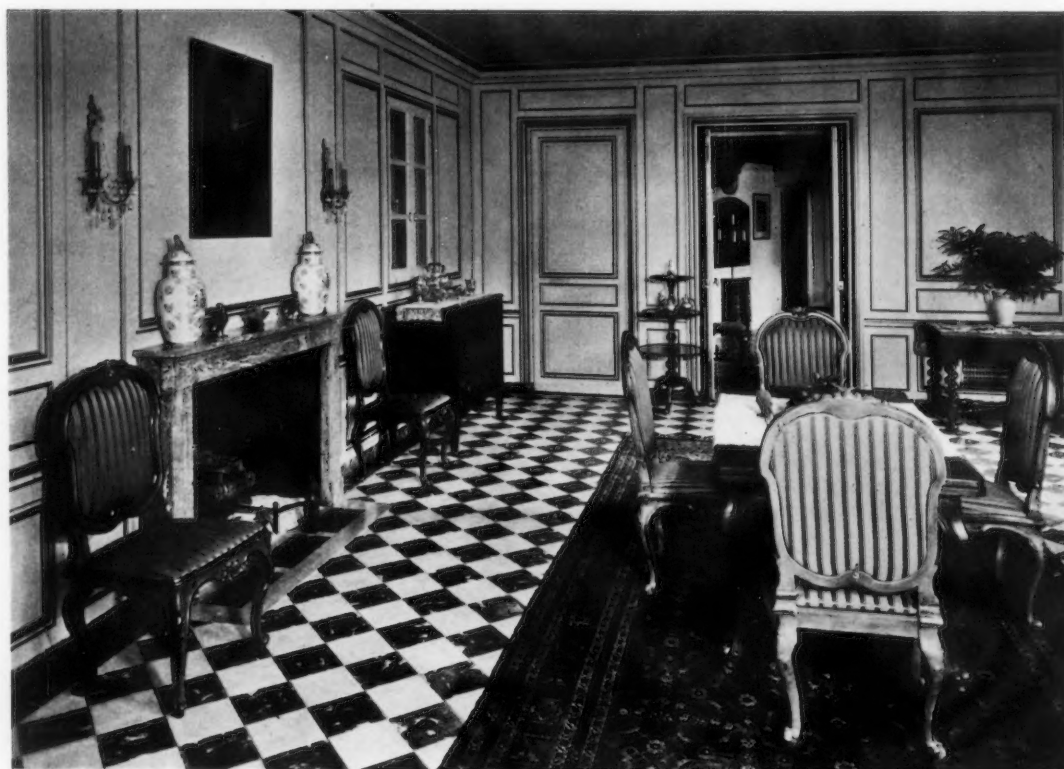
WINDOW IN HALL, RESIDENCE OF MRS. EDWARD CUNNINGHAM, SANTA BARBARA, CALIFORNIA
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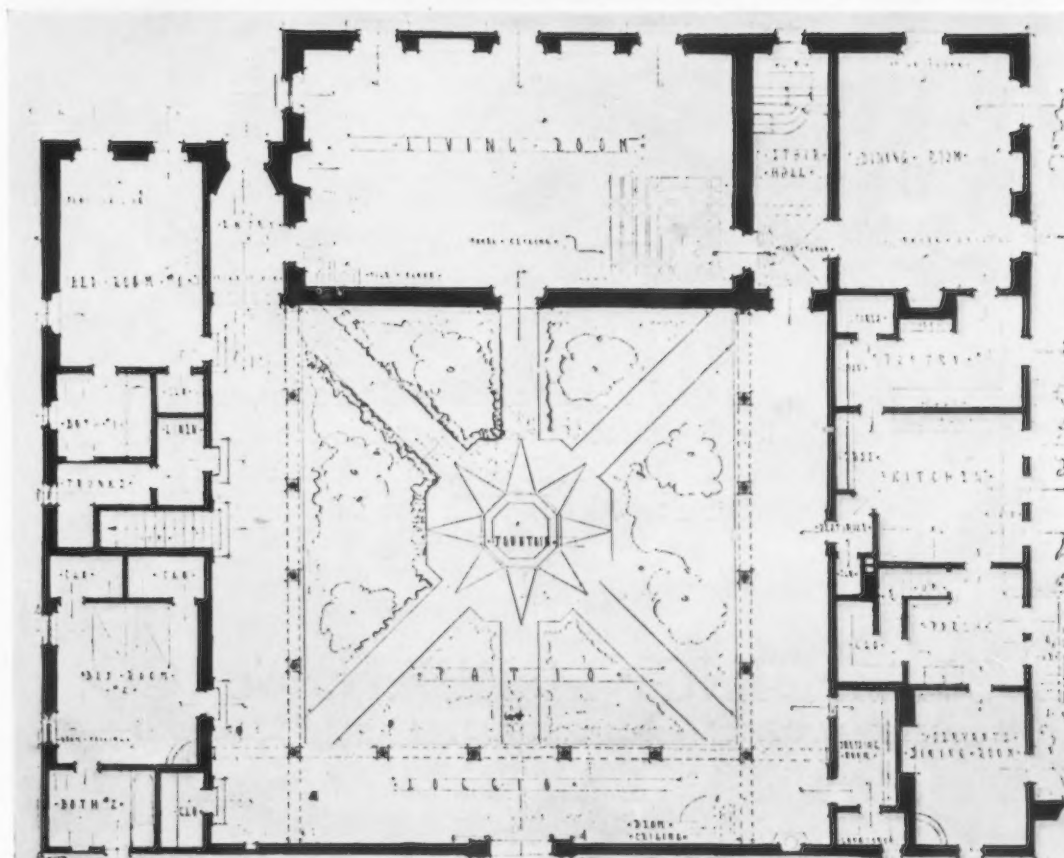
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GEORGE WASHINGTON SMITH, ARCHITECT

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RESIDENCE AND PLAN, MRS. ARTHUR ROSE VINCENT, PEBBLE BEACH, CALIFORNIA
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GEORGE WASHINGTON SMITH
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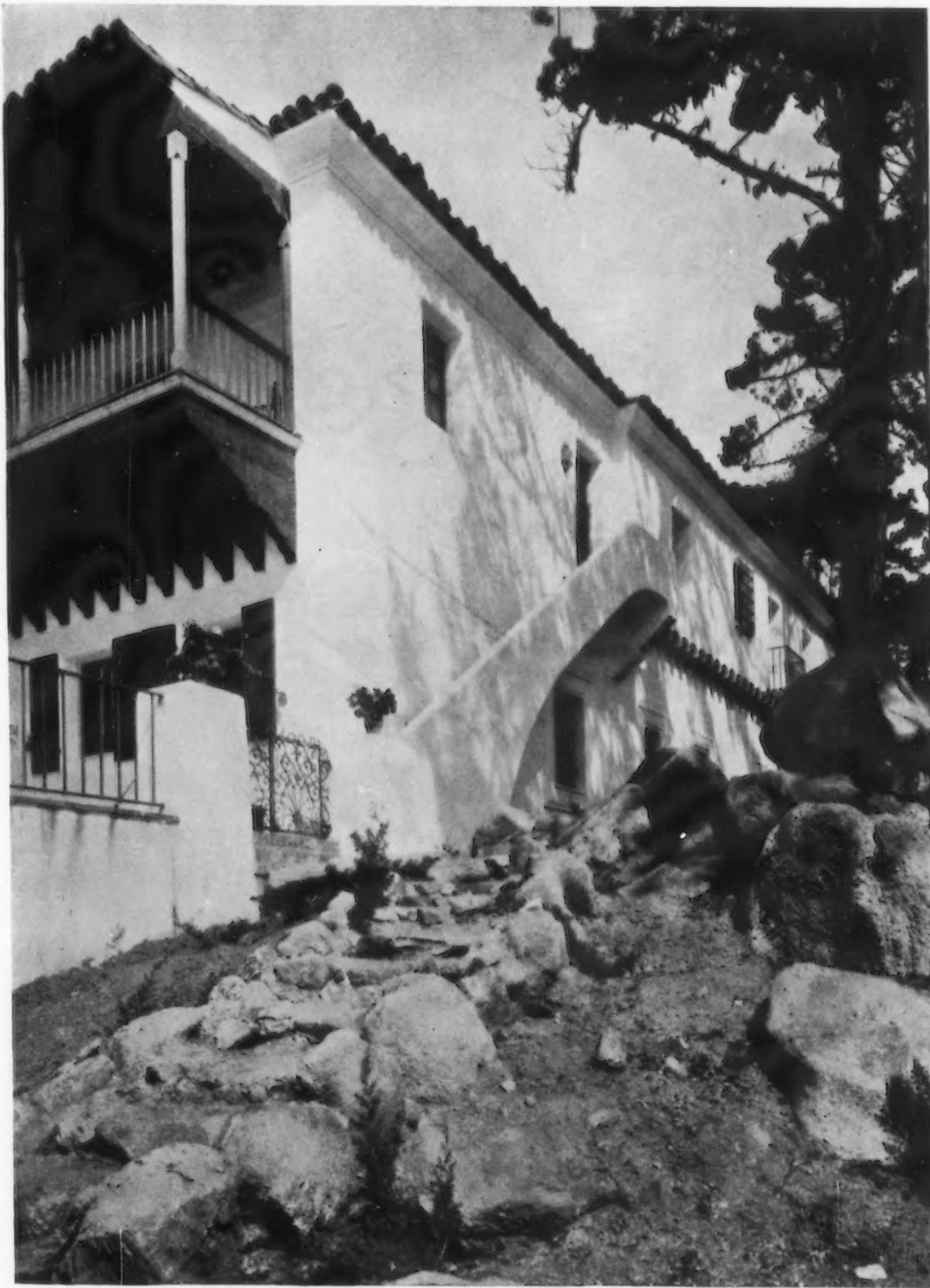
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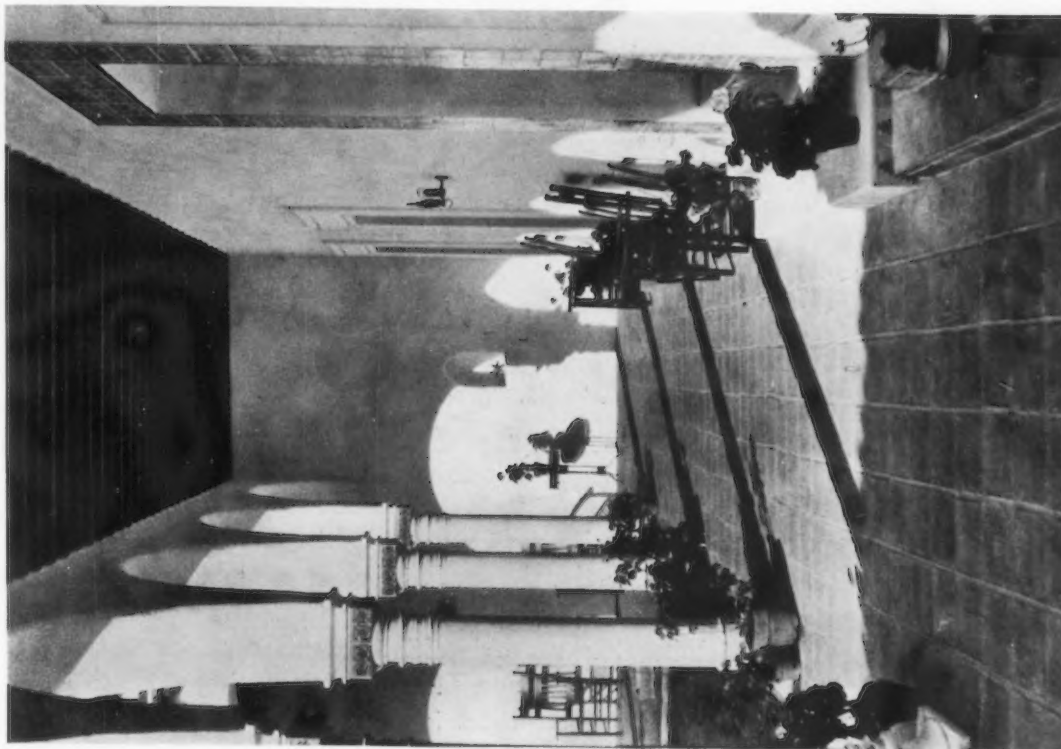
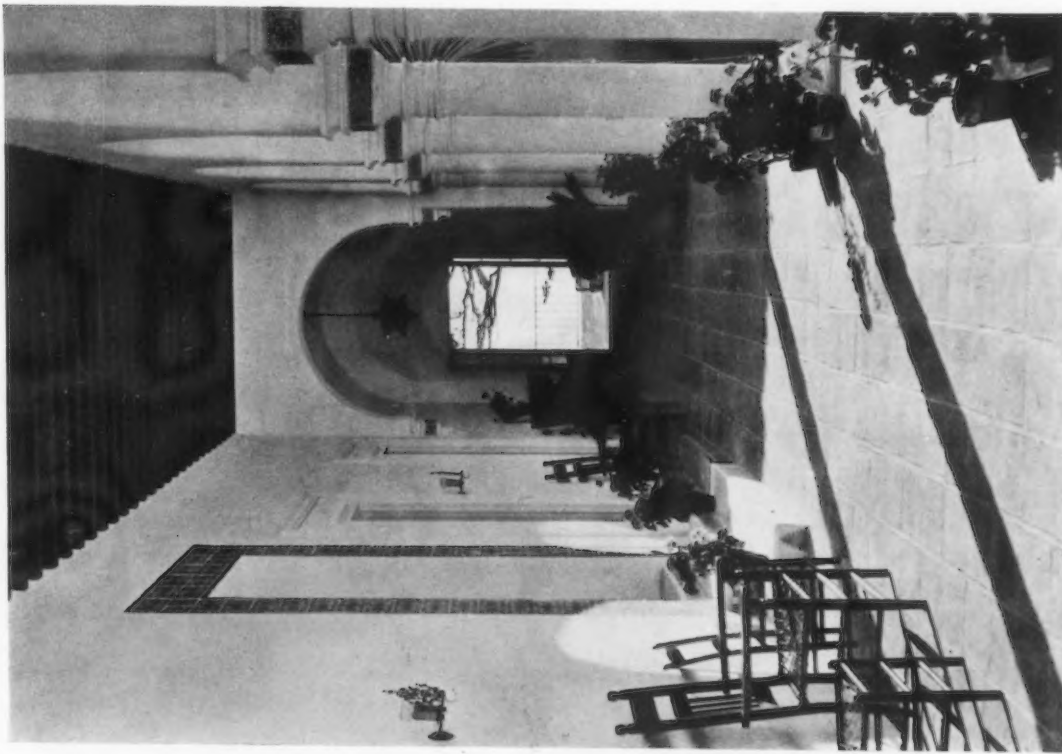
RESIDENCE OF MRS. ARTHUR ROSE VINCENT, PEBBLE BEACH, CALIFORNIA
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STAIRS FROM PATIO, RESIDENCE MRS. ARTHUR ROSE VINCENT, PEBBLE BEACH, CALIFORNIA
GEORGE WASHINGTON SMITH, ARCHITECT

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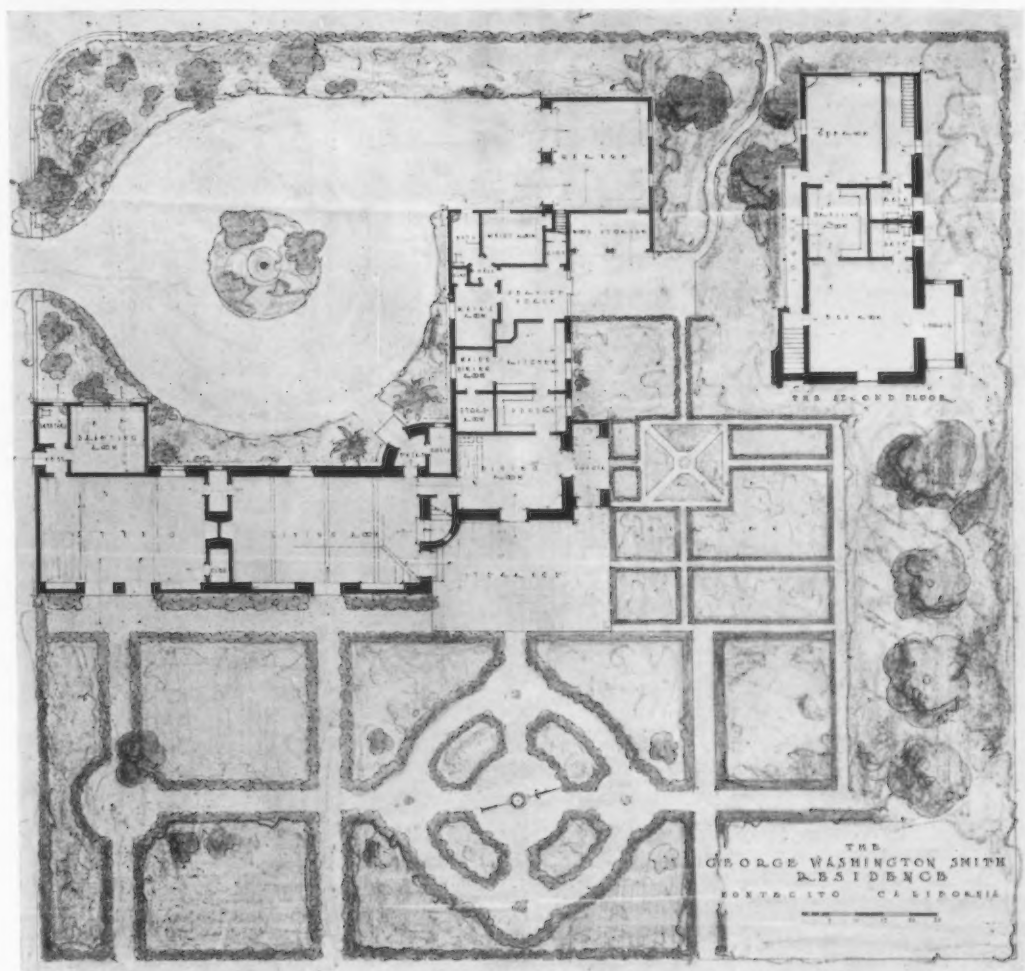
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TERRACE, RESIDENCE OF GEO. WASHINGTON SMITH, ARCHITECT, SANTA BARBARA, CALIFORNIA

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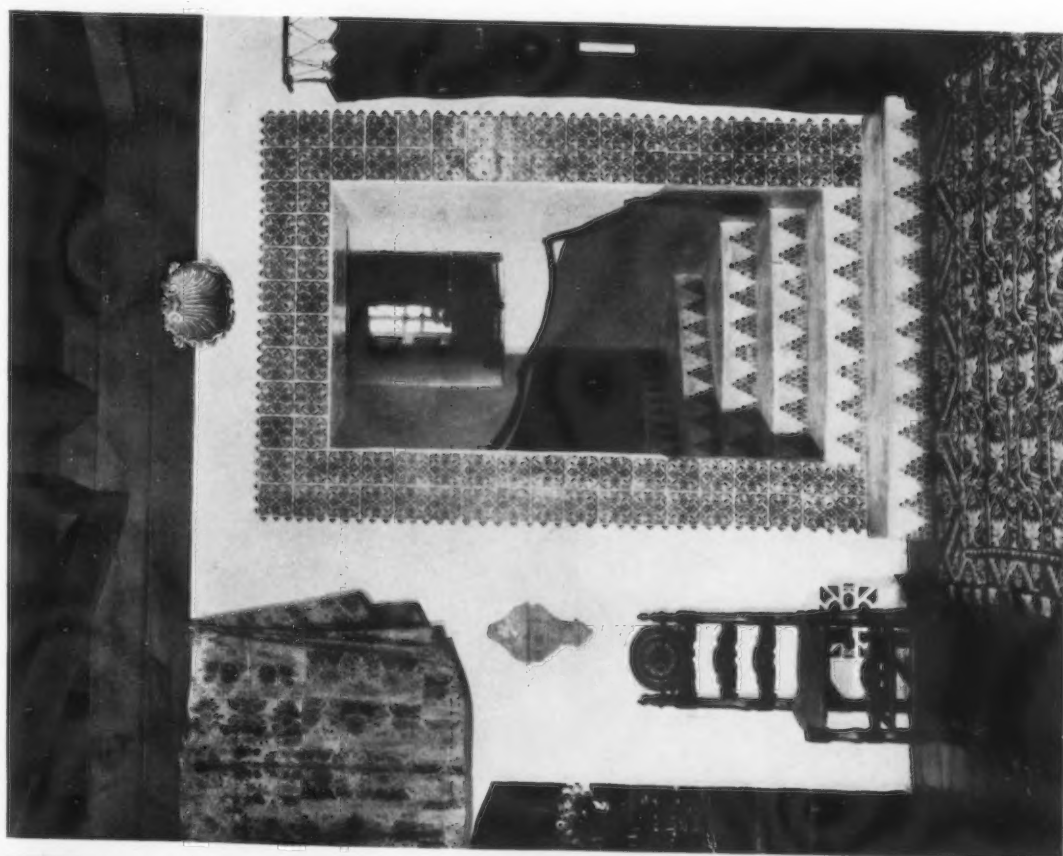


GARDEN FRONT, RESIDENCE OF GEO. WASHINGTON SMITH, ARCHITECT, SANTA BARBARA, CALIFORNIA

Photograph by J. W. Collins



LIVING ROOM AND DINING ROOM, RESIDENCE GEO. WASHINGTON SMITH, SANTA BARBARA, CALIFORNIA
Photographs by J. W. Collinge



DOORWAY TO GARDEN AND TO STAIRS, RESIDENCE GEO. WASHINGTON SMITH, ARCHITECT, SANTA BARBARA, CALIFORNIA

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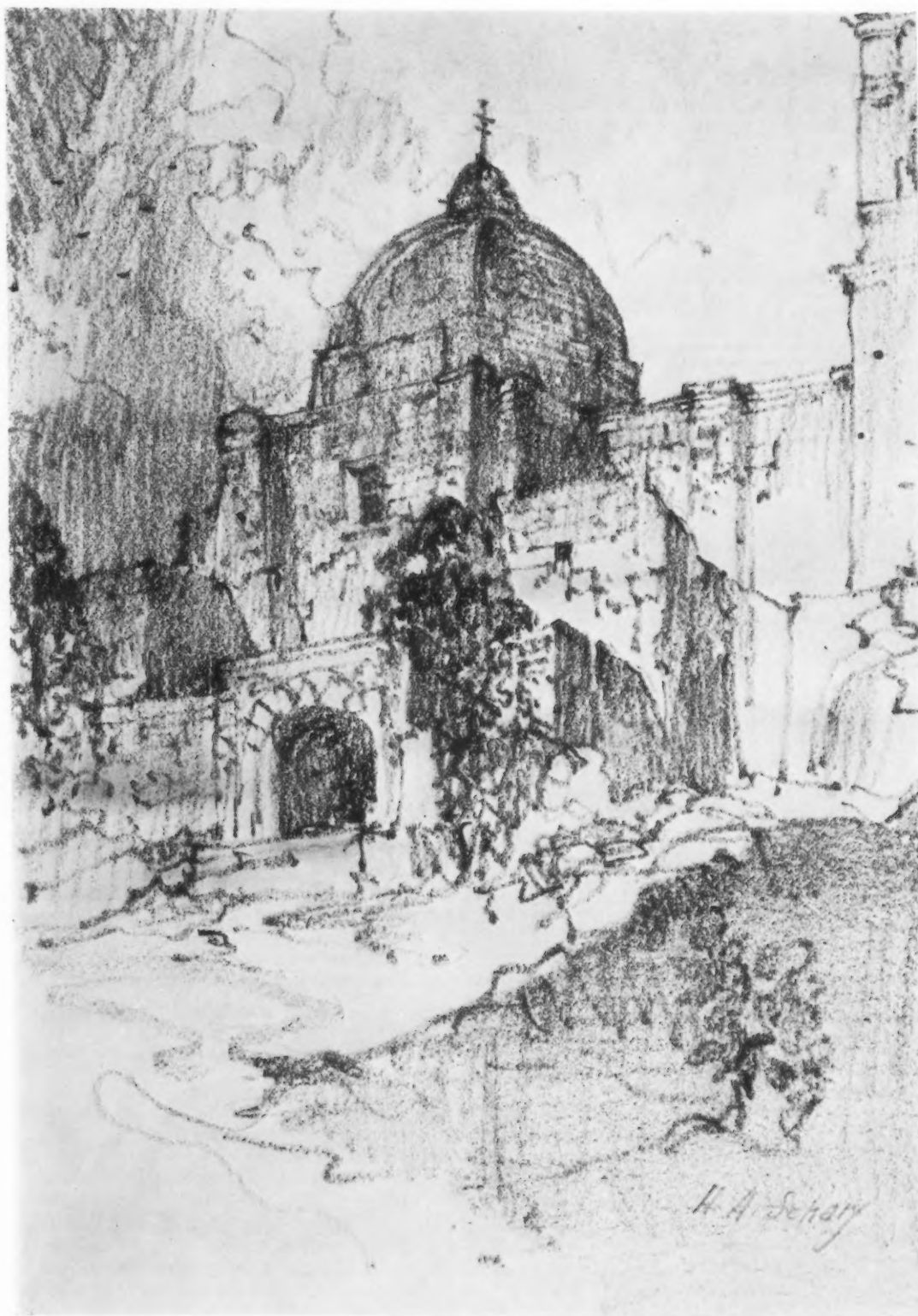
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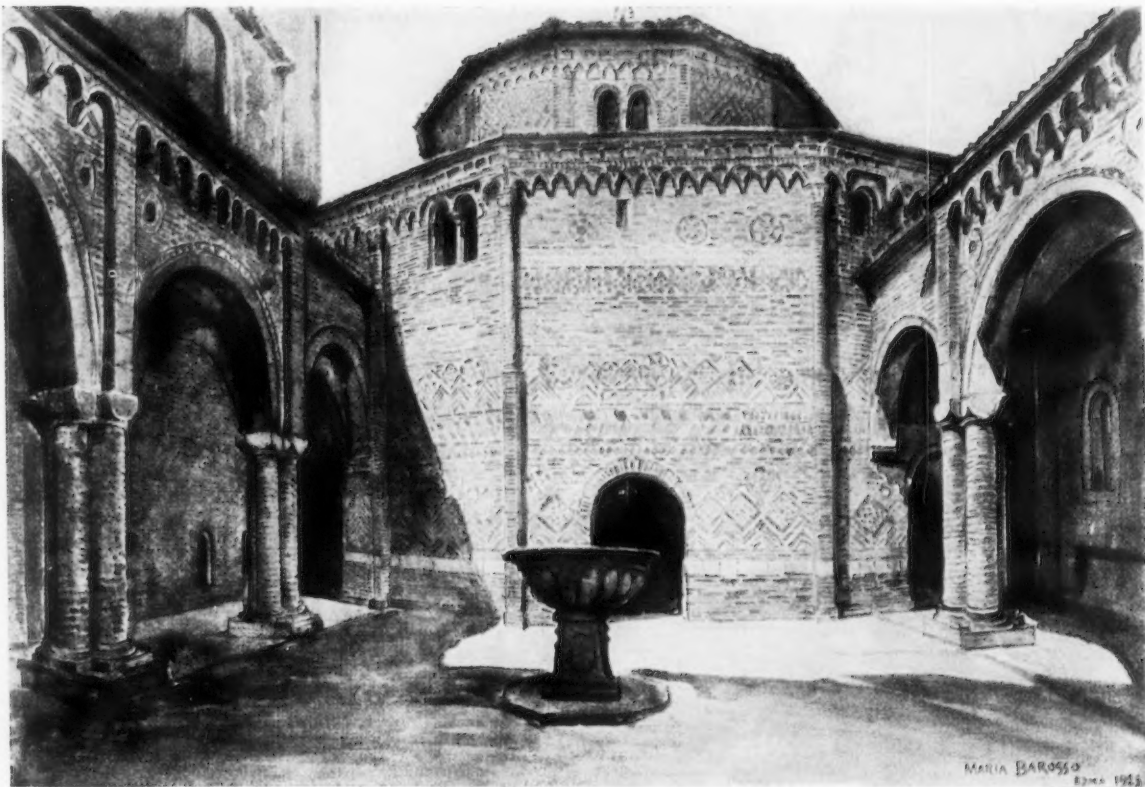
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THE interest aroused by "Brickwork in Italy" in the architectural profession is a reflection of the book's usefulness as well as of the charming manner in which the subject is presented. The feeling among many prominent architects toward this instructive and entertaining volume is indicated by a few typical commendations quoted here:

"I assure you that this book will see many years of use and hold a prominent place in our library."

"It is a very interesting piece of history and am looking forward with pleasure to its use with my work."

"This book is a very valuable addition to any architect's library and is one of the most complete treatises on brickwork of its period that I have ever had the pleasure of seeing."

"It is a very interesting and useful book."

"It is certainly a work of art and will be most useful in an architect's office."

The table of contents indicates the scope of the book. The text, which is illustrated with 20 four-color illustrations, 300 halftone plates and 69 drawings, is the work of two Italian scholars, Prof. Carlo Roccattelli and Prof. Enrico Verdozzi. The preface is written by Comm. Prof. Gustavo Giovannoni.

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[BY ARTHUR C. ALVAREZ]

Associate Professor of Civil Engineering, University of California

[Concluded from April issue]

In Figure 7 the interior longitudinal foundation AB is needed as an intermediate support for the floor joists, *fg*. The interior transverse foundation CD is very desirable in order to support a line of braced underpinning that is adequately tied to the otherwise long exterior walls to prevent them from bulging at C and D. The plate of the underpinning should be double instead of single, because this permits of well nailed joints having a large overlap like CD in Figure 4, instead of a joint with short overlap as at E in Figure 3, which is very weak in horizontal tension. The corner ties, *br* in Figure 7, should be of fir or pine 2 by 6 inches in section. They should be drilled at each end for five 20-penny nails and attached as shown to the top of the redwood sill, also to the bottom of the 4 by 6 inch plate.

Because the bracing of the underpinning is so important and because the underpinning is usually still accessible from the inside in houses already built, Figures 5 and 6

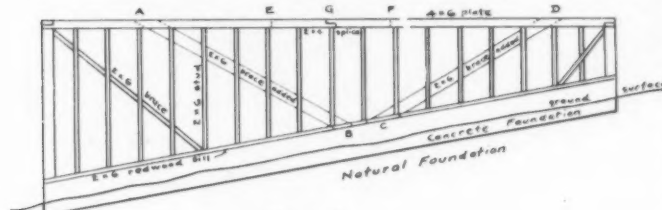


Figure 5
A Method of Reinforcing the Bracing in the Underpinning of a House Already Built

have been drawn to show how the underpinning may be reinforced in such cases. To do so is good insurance against damage by earthquake. In Figure 6 the added reinforcement is shown dotted. In Figure 5, two 2 by 6 inch

*Reprinted from CALIFORNIA MONTHLY, January, 1926.

pieces of pine, AB and CD, are attached to sill, studs and plate with 20-penny nails for which holes have been drilled, because the strength of the brace is greatly impaired, if split by nailing. In Figure 5 EF represents a stick of 2 by 4 inch pine drilled for 20-penny nails and attached to the plate to strengthen the weak joint at G.

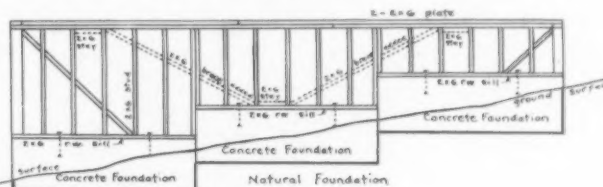


Figure 6
A Method of Reinforcing the Bracing in the Underpinning of a House Already Built

FLOORS. To insure lateral support, the joists, *fg* in Figure 7, which are usually 2 by 10 inches or 2 by 12 inches in section according to span, should be bridged solidly with 2-inch pine along plates EF, AB and GH. The cross bracing of joists along lines JK and LM in Figure 7, which is also shown dotted in Figures 3 and 4—because it is concealed by the solid bridging—would be much more efficient in stiffening the floor than it frequently is, if it were made 2 by 4 inches in section instead of 2 by 3 inches, if care were taken to mitre the ends of the pieces accurately against the sides of the joists and if the pieces were drilled for two 12-penny nails at each end instead of being split by driving in two 10-penny nails. This cross bracing of joists acts to stiffen the floor by distributing concentrated vertical loads to adjacent joists.

The joists should be fastened strongly to the three trans-

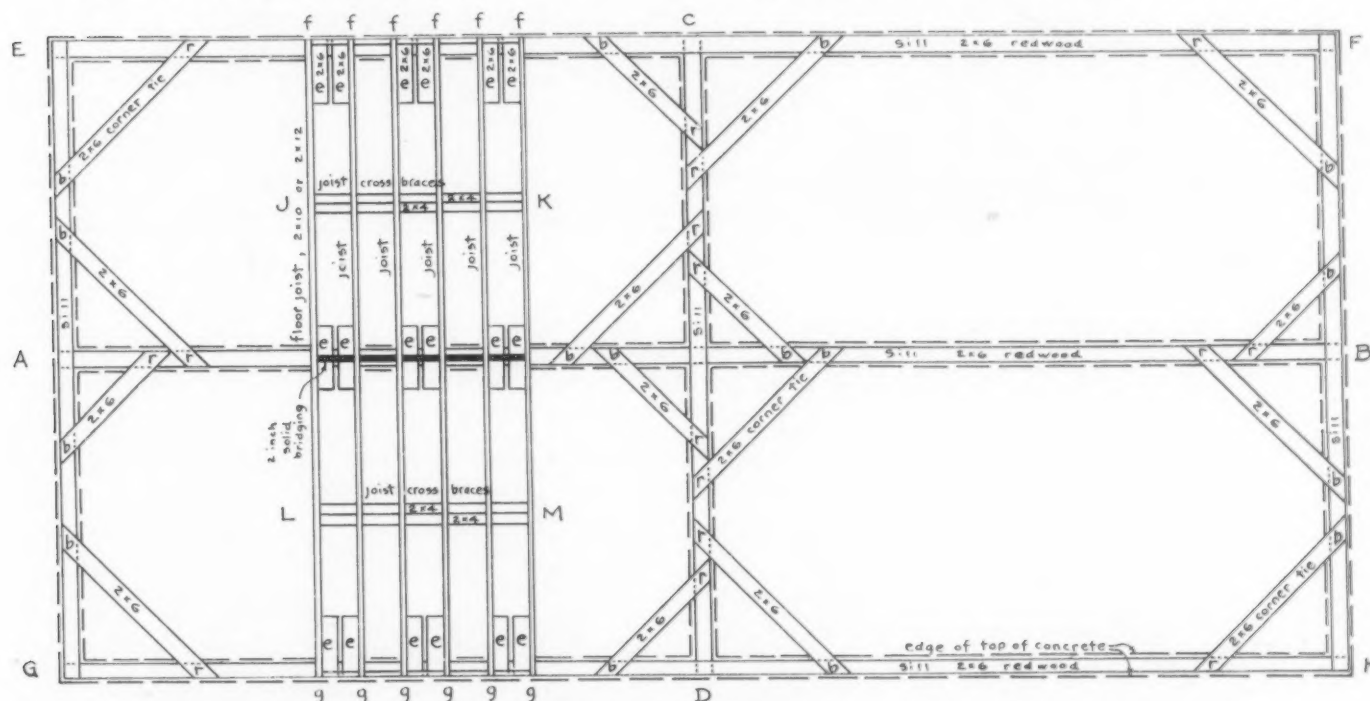


Figure 7

Plan

Corner Ties for Sill and Plate of Underpinning.
Method of Attaching and Bracing Floor Joists.



GEO. BAKER RESIDENCE, PIEDMONT, CALIF. SYDNEY B. AND NOBLE NEWSOM, ARCHITECTS

California Stucco Color No. 231-B. [Warm yellowish cream color.]
Harmony of color—tile, green shrubs, lawn, vari-colored
stepping stones, etc. Hills in background for setting.

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907 Continental Bank Bldg.

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411 Walden St.

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EDITORIAL

Words to the Wise

AT a recent meeting of the R. I. B. A., President E. Guy Dawber delivered to students of architecture an address so comprehensive, containing so much wise and practical advice, that not only the student but the average architect, wherever he may be located, may find therein much food for profitable thought. Some excerpts follow:

"The first, and a very important point in our profession, and indeed in any profession, is the acquisition of a good, sound education, for without it an architect, however gifted as a designer, can neither cope with the difficulties which continually arise in his daily work nor meet his clients on equal ground. At the same time, although I am a firm believer in the advantages of an academic training, I am equally certain that an academic education only will not be of any use unless you have practical knowledge and understanding as well. If you study the lives of the men who have been successful, you will observe that they have achieved success primarily through love of their work, but you will also realize that affection for the chosen pursuit is not by any means sufficient, and that the most important thing is the absolute determination to pass nothing as understood which is not understood.

"At the outset of my career I always found that one of the most difficult things was to realize the ideas of my clients, not because I was incapable of doing so, but because my enthusiasm for my own conceptions blocked the view. I have learned in years of practice the absolute necessity of concentrating all one's efforts on the complete understanding of one's clients' views and wishes, though I am not suggesting the advisability of carrying out all their ideas. Far from it.

"Another difficulty which confronts one is the necessity of disregarding the importunities of small details and subordinating them to the main conception. The difficulty of knowing what to do is often nothing compared to the difficulty of knowing what not to do. I am reminded of the admirable advice given me years ago by a very great and shrewd man of the world who had both knowledge and a great love of art. He told me when I started practice for myself never to neglect the smallest trifle that went wrong in any commission that I had to execute, and, however irksome and infinitesimal it seemed, to give it my own personal attention at all costs. He also urged me never to delay the immediate settlement of the smallest detail, or the answering of letters; for arrears of correspondence and small things to be attended to, if allowed to accumulate, worry and depress like unpaid debts.

"Another of the difficulties of the calling you have adopted, which comprises so wide and various a scope and requires such an exacting apprenticeship, is the necessity for fitting in one's artistic ideas with the stern realities of everyday business.

"Neither genius nor ability will avail if the practical side is neglected. What credit will you gain for your charmingly designed rooms, your beautiful elevations, or your well-chosen materials if the rain gets through the walls, or the chimneys smoke, or your work costs more

than it should? These may alienate at the end of your commission the friendship and esteem of a client which you may have greatly prized.

"In the attempt to make your work stand out and surpass that of your contemporaries, while many of you will no doubt be attracted to the latest movements, it is just as well to pause before you allow yourselves to be carried away by novelty, for the essential thing in originality is the idea, and if it is a new idea it is worth noting. But do not easily be led off the beaten track to follow it. You will find that the best buildings from every point of view are those which are worked out in a simple, straightforward, common-sense manner. The study of good buildings in any country shows that the finest proportions, the happiest effects, both in plan and elevation, are obtained in the simplest and most direct way.

"Today the public of all classes is largely indifferent to its surroundings. It knows but little of the claims of architecture or its influence upon our lives. Although architecture, in certain instances, as practiced today was never at a higher level, unfortunately this is only a small proportion of the whole, the bulk of the buildings we see around us being of inferior merit and generally not the work of architects at all.

"Our profession, unfortunately, lends itself easily to the charlatan and the ill-informed, many of whom possess no architectural qualifications, and the inability of the public to discriminate between the good and the bad perpetuates the evil. The only remedy lies in education. We are doing our utmost to train you students to become good architects, to give you the best possible tuition to fit you for the positions you will ultimately be called upon to fill, and if we do this it is only right that the public generally should be educated to understand what architects are doing and striving for.

"The teachers in our elementary and secondary schools, and for that matter in our public schools, as a rule know nothing about architecture, nor of its importance to the community at large; and even the teachers at our colleges and universities are in the main ill-equipped in that direction. I do not suggest that they or their pupils should be taught architecture in the technical sense, but I do feel that we should try to get into the curricula of our schools some definite recognition of the importance of architecture and town planning to the ordinary citizen. The student should be taught the value of dignified buildings, of well-arranged streets and open spaces, of cleanliness, order, and spaciousness in our public thoroughfares, and the maintenance of the civic spirit in the city, town or village he dwells in. Had this been done 30 or 40 years ago the lamentable sights we see on all sides, the ill-considered buildings placed without regard to their environment, would never have come into being."

[FROM JOURNAL OF THE R. I. B. A.]

* * *

Mr. Frederick Wescott, architect, announces that he will be glad to receive manufacturers' catalogs and building information at his office, which he has just opened at 617 The Northwestern National Bank Building, Portland, Oregon, for the practice of architecture.

* * *

Edwin J. Symmes, Architect, announces the removal of his San Francisco office to 713 Shreve Building. Telephone Kearny 6377.



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SAN FRANCISCO CHAPTER AMERICAN INSTITUTE OF ARCHITECTS MONTHLY BULLETIN

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WILL G. CORLETT, two years
GEORGE W. KELHAM, one year
ARTHUR BROWN, one year

NEXT MEETING

The next meeting of the San Francisco Chapter, The American Institute of Architects, will be held on Tuesday, May 18, 1926, at 6:30 p. m., at the rooms of the San Francisco Architectural Club, 523 Pine street. Dinner will be served at 75 cents per plate.

APRIL MEETING

The regular meeting of The American Institute of Architects, San Francisco Chapter, was held on Tuesday, April 20, 1926, at the rooms of the San Francisco Architectural Club, 523 Pine street. In the absence of the President, Mr. J. S. Fairweather took the chair.

The following members were present: Wm. Mooser, W. B. Faville, Ernest Coxhead, Wm. O. Raiguel, Henry H. Gutterson, J. J. Donovan, G. F. Ashley, J. S. Fairweather, Morris M. Bruce, W. C. Hays, Albert Schroepfer, A. J. Evers.

MINUTES

The minutes of the previous meeting were accepted as published.

UNFINISHED BUSINESS

There was no unfinished business.

COMMITTEES

Mr. Coxhead, chairman of the City Planning Committee, reported that the committee had been in touch with the City Planning Commission of San Francisco. Moved, seconded and carried that a letter be sent out to all members of the Chapter, giving the sense of the discussion,

for the purpose of bringing the matter up at next Chapter meeting.

Mr. Coxhead reported on the Plan of Washington Committee.

A letter was read from Mr. Chas. H. Green of the Architectural and Allied Arts Exposition. Moved, seconded and carried that the letter be published in digest form.

An invitation was read from the Royal Institute of British Architects for the meeting in London, June 14 to 19.

The Secretary reported that President Reid had appointed an Exhibition Committee consisting of Messrs. Earle B. Bertz, Harris Allen and Louis C. Mullgardt. Also, Mr. G. F. Ashley was appointed to fill the place of Mr. J. R. Miller on the City Planning Committee.

It was moved, seconded and carried that a committee be appointed to draw up resolutions for the death of Mr. Rudolph A. Herold, who passed away on April 14, 1926.

After discussion of Allied Architects Associations, the meeting adjourned.

Respectfully submitted,

ALBERT J. EVERS,
Secretary.

Mr. G. T. Piersol of the American Brass Co. entertained the Chapter with a film entitled "From Mine to Consumer—The Story of Anaconda." During the progress of the film Mr. Piersol explained the various stages of manufacture and answered the questions of those present. Many thanks are due to him and his company for this instructive entertainment.

OCCUPY NEW BUILDING

Tuesday, April 20, the newly completed Dunham Building, 450 East Ohio street, Chicago, was occupied by the administrative and general offices of the C. A. Dunham Co. This building is a handsome nine-story structure but a stone's throw from Chicago's Outer Lake Shore Drive, on Ohio street, on the near North Side. It was designed by D. H. Burnham & Co., and is a splendid addition to the architecture of the area in which it is located.

* * *

SUPER-ILLUMINATOR FOR COMMERCIAL USES

A change in efficient commercial lighting has recently been made by The Edwin F. Guth Co. of St. Louis, who have perfected a new totally enclosed unit known as GuthLite. An adjustable white porcelain enameled reflector directs the light so as to secure a wide distribution with uniform intensity on the working plane. The upper part of the globe extends through the reflector, giving adequate, shadowless illumination of the ceiling. There

are no spots of high intensity as GuthLite has very low brightness at the source. The lamp filament is positioned high in the globe, so that most of the light is diffused through the narrow neck of the glass towards the reflector surface, which refracts it downward over a wide area. Electrical engineers who have seen GuthLite state that it is the nearest approach to perfect diffusion.

* * *

CONSOLIDATION

A news item that is of interest is the fact that The Stewart Electrical Manufacturing Co. and the Electrical Sheet Metal Works will consolidate with the Frank Adam Electric Co. The new company will be known as The Stewart Works of the Frank Adam Electric Co. The new company will manufacture and sell the (FA) panel boards and Stewart safety type deadfront switchboards. For the present the Electrical Sheet Metal Works will remain at No. 81 Shipley street, and the Stewart Panelboard Works at No. 59 Columbia Square, San Francisco.



R. A. HEROLD, Architect

PROVIDENCE HOSPITAL, OAKLAND, CALIFORNIA

C. C. CUFF, Associate

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are essential for the comfort of guests and patients in modern hotels and hospitals.

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THE initial opening of the new club quarters of the San Francisco Architectural Club at 523 Pine street was celebrated on Monday evening, April 11, 1926, by a banquet for the members of the club as well as members of the architectural profession not belonging to the club. "A good time was had by all" is what might be said of those in attendance at the affair. This heralded the Grand Opening Week and was immediately followed by a week of educational and social affairs, which was climaxed by a dance given for the members of the club and their friends on Saturday evening, April 17, 1926.

Now that we are established, and have an incentive for club spirit, "Art" Janssen has instigated a membership campaign which we feel sure will prove worth the time and effort of those members entering into the spirit of it. We are looking for big results!

The "Beaux Arts" activity is developing in our Atelier. The members are taking advantage of our new quarters, and will, no doubt, all be humming throughout the season. With the results of this season's work, we hope to have a larger class of Class A men in the beginning of the fall season.

The resignation of two of our active students was necessitated by their leaving San Francisco. Ed. K. McNinch, one of them, is now in Sacramento, where he has joined Starks & Flanders, former members of our club, who are now the correspondents for the "Beaux Arts."

Fritz Kruger, the other member, left to join Fred Kramer in New York, where he is developing skyscrapers for York & Sawyer.

News from two of our former students has been received lately. Jack Geering, who is employed by the Peruvian Government, developing Peruvian school buildings in that country, has reported that he is thoroughly enjoying his experiences in South America. Word has been received from Orin Bullock, who is studying at Harvard, to the effect that his studies there are most advantageous and that he is getting the most out of them.

One of the Class B Projects drawn by R. L. Blas appears below, having been awarded a first mention place.



OUTLINE OF A SMALL HOUSE PLAN BUREAU

[FROM A SURVEY PREPARED BY C. A. TRUESDELL, A. I. A.]

FUNCTIONS OF PLAN BUREAU:

1. To establish liaison between home-building factors.
2. To coordinate their interests.
3. To develop an efficient service medium.

FACTORS:

1. The community.
2. The prospective owner.
3. The architectural profession.
4. Home financing interests.
5. Building contractors.
6. Subcontractors.
7. Building material dealers.
8. Realtors.

EXISTING BUREAUS; THEIR HISTORY:

1. Architects' Small House Service Bureau.
2. Los Angeles Architectural Club Plan Guild.
3. Santa Barbara Community Arts Plan Service.
4. One-type plan services.
5. Commercial plan services.

ANALYSIS OF EFFICIENT PLAN BUREAU:

1. Needs and interests of each factor.
2. Policies of finance, propaganda and plan marketing.

FINANCE:

1. Plan endowment; material producers to endow Bu-

reau with cash, to receive one plan for each \$100.00. Plans to be sold for \$15.00 a set, \$10.00 to Bureau, \$5.00 to endower or sales agent; after endowment is paid off, profits to be reinvested in new plans at \$100.00 cash.

2. Plan certificates; realtors to buy plans to include in sale of lots, plan certificates to be issued by title companies, which would in turn pay the Bureau.
3. Extra sets of plans, etc., sold at cost.

PROPAGANDA:

1. Endowers to get out inexpensive plan books and pamphlets.
2. Magazines to publish Bureau plans.
3. Newspapers to publish syndicated Bureau plans.

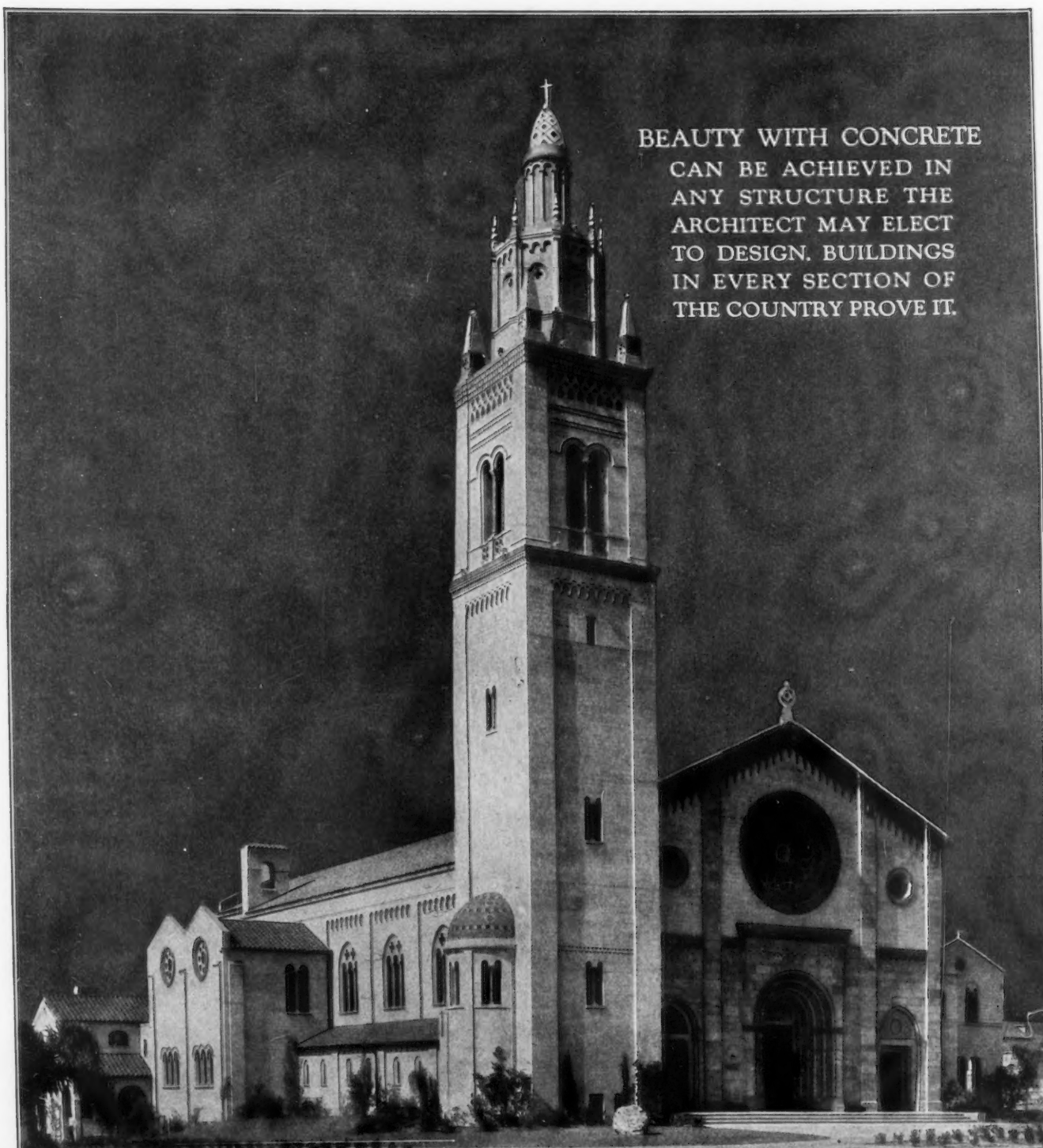
PLAN MARKETING:

1. Decentralize distributing system; contractors, material producers and agents, lumber yards, building material exhibits, etc.

PRODUCTION OF PLANS:

1. Professional Art Jury.
2. Sketch designs to be paid for at fixed rate.
3. All plans developed in central drafting room and standardized so far as possible.

[Concluded on page 65]



BEAUTY WITH CONCRETE
CAN BE ACHIEVED IN
ANY STRUCTURE THE
ARCHITECT MAY ELECT
TO DESIGN. BUILDINGS
IN EVERY SECTION OF
THE COUNTRY PROVE IT.

WILSHIRE BOULEVARD CHURCH

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Chicago	Indianapolis	Los Angeles	New Orleans	Philadelphia	Salt Lake City	Vancouver, B. C.
Columbus						Washington, D. C.
Dallas						

PERSONAL GLIMPSES

IN few professions is the individual so camera-shy as is the architect. Rarely does he receive the recognition that is his due. Never does he seek it. As a result, most of us see only a name or a completed creation of his and glimpse little or nothing of the personality behind it. In this column each month we hope, in some small measure, to heed the cry of "Author, Author," so far as the leading architectural craftsmen of the West are concerned, as well as other outstanding figures in the building industry, by presenting photographs of them and sketches from life. Nominations for this "small niche in The Hall of Fame" are acceptable from our readers.

[Sketch from life in this issue by Ramm]

GEORGE WASHINGTON SMITH

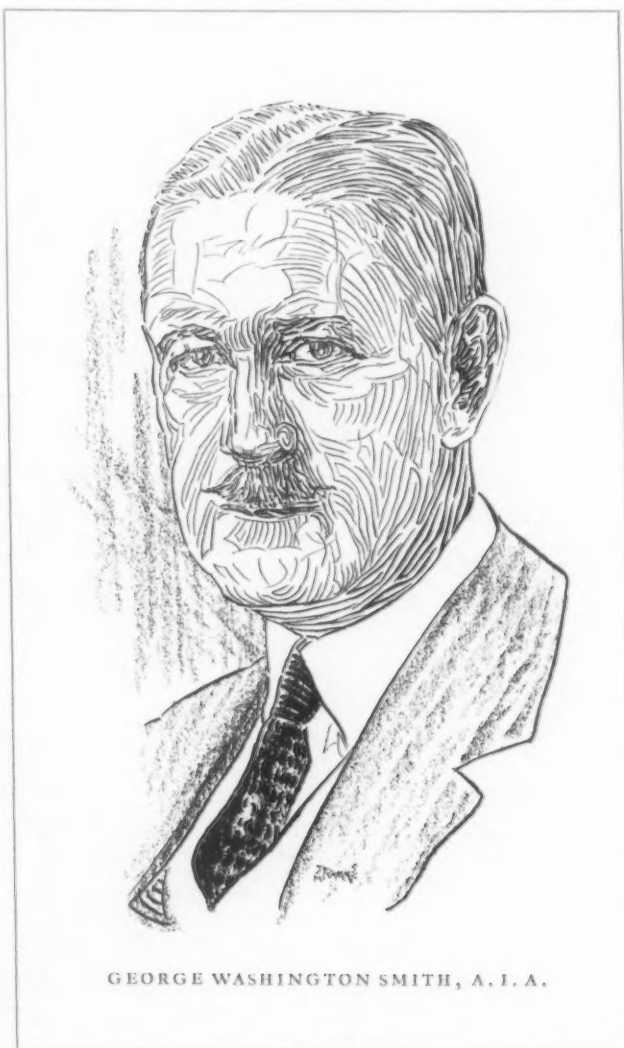
THE year 1914 was notable for two reasons—the start of the World War, and the start of George Washington Smith's career in California.

As might be discerned from his name, he was born in East Liberty, Pennsylvania. After courses in the Pennsylvania Academy of Fine Arts and Harvard School of Architecture, Mr. Smith browsed about France, Italy and Spain, studying architecture, painting and sculpture, until he had the "feel" of the Romance builders under his skin—and especially the charm of Castile absorbed him and was absorbed by him. On his return to this country he told himself that patios and restraint and deep, cool courtyards could mate charmingly with a given climate, and everyone knows that California has been practically married to a climate for years. So that was that.

George Washington Smith has been called the "Father of the Hispanic Development in California," which has not only been the one significant development in that State since the days of the old Mexican-Spanish Missions, but also has influenced all the recent development in Florida.

His first accomplishment in California was the residence for Mr. Craig Heberton, completed in 1916. Since then he has been and is busy in creating residences of great distinction; a "George Washington Smith house" is as distinctive in its way as a Christopher Wren church.

Like Mr. Charles A. Platt, Mr. Smith broke into the architectural game—and it is safe to say that he enjoys it as much as a game, and by no means looks upon it as work—through painting pictures and designing gardens. The building of houses, to put in the gardens, and to complete the pictures, followed logically, in order to satisfy his own standards; and it also



GEORGE WASHINGTON SMITH, A. I. A.

followed that many people who saw those early houses wanted Mr. Smith to design homes and gardens for them.

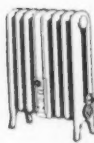
He belongs to the A. I. A., the Paris A. A. A.-N. A. C., the Santa Barbara Club, the Montecito Country Club, the Beach Club. Besides being a great artist, he is a very delightful gentleman to meet. He once stated as his hobby "Eliminating all useless ornament from a design," but we suspect it is more than a hobby; it is a creed.

Individual Light, Water, Air— and now—HEAT!

A Radiator for every room

Pacific Pressed Metal Radiators

Patented construction permits circulation of burned gases to contact with 40% greater radiating surface than possible with any other design. Made in sizes of 4 to 16 section.

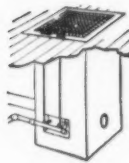
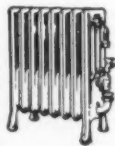


Pacific Cast Iron Radiators

—have the same circulation system as the Pressed Metal Radiators and are preferred for buildings where extremely durable construction is desired to withstand rough usage.

Pacific Gas Steam Radiators

Each radiator is a miniature steam heating plant. Provides individual heat in rooms where wanted. Automatic control. Eliminates expense of central boiler plant installation and operation.

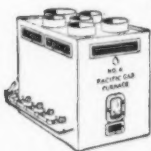
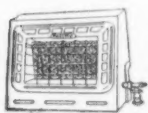


Pacific Pipeless Floor Furnaces

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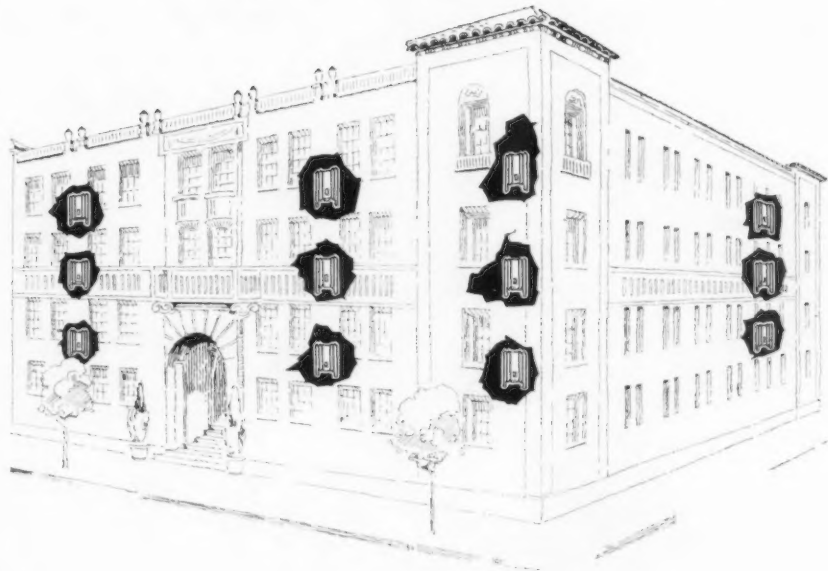
Pacific Recess Radiant Wall Heater

An air duct supplies a continuous stream of fresh air to the room. Outer casing is always cool. Any finish desired.



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A DEPARTMENT CONDUCTED TO ASSIST YOU IN SOLVING YOUR HEATING, LIGHTING & POWER PROBLEMS

THE EFFICIENT USE OF ELECTRICITY FOR POWER, LIGHTING AND FUEL AND OF GAS FOR HEATING, COOKING AND INDUSTRIAL PURPOSES HAS BECOME SO IMPORTANT AND IS DEVELOPING SO RAPIDLY THAT IT IS HOPED THIS NON-TECHNICAL DISCUSSION OF THE BEST PRINCIPLES OF DESIGN AND OF PRACTICAL METHODS OF INSTALLATION WILL BE HELPFUL

II. ELECTRICITY IN THE MODERN HOME

[[BY THOMAS B. HUNTER]]
Hunter & Hudson, Consulting Engineers



ELECTRICITY to the housewife is convenience, cleanliness, comfort and labor saving; the modern servant in the home, she is always peacefully awaiting your demands and is on duty 24 hours every day of the year. She never asks you for afternoons off or evenings out. You have only to turn the switch and she goes to work. The only demand she makes is that you have the proper wires to feed her.

Electricity is a fuel for light, heat and power. In the planning of a new home or remodeling the old it is important that the assistance of an electrical expert be obtained to assist you in this important work. For your convenience we will briefly touch upon the main electrical applications which should be considered in the modern home (the home without these devices is not modern).

Correct illumination is dependent upon two factors which are the elimination of (*first*) glare and (*second*) shadows. This is accomplished by the shading of properly located fixtures. Floor and table lamps are advocated by the illumination engineer, as a part of correct lighting, and by the interior decorator, to add to the beauty and harmony of the room. A little higher intensity of light in such places as the kitchen, bath room, dressing room, laundry, etc., is desirable. This is accomplished by special fixtures directing the light where desired.

We have all had the experience of bumping our way through a dark room in search of the lighting switch. This can be eliminated by installing what are called three way switches. By means of these switches it is possible to light dark rooms when entering and turn lights off when leaving. These switches should be used in a hall, and in all rooms with more than one entrance. By these installations many steps are saved not forgetting the bumps.

A small night light should be installed in the hall which can be left burning during the night. It will prove to be a convenience and a safeguard.

Lights should be installed in all closets, garage, basement and garden. It is also a convenience to have the house number illuminated during the night. You have had the experience of searching for a house number during the night, and have undoubtedly rung the bell at the wrong house, thus inconveniencing not only yourself, but the people in the house.

A master switch located at the head of your bed which will turn on lights in the main rooms of the house is certainly your best friend in times of emergency or danger. The cost will be very small when compared with the feeling of safety and security which it will give you.

Convenience outlets should be carefully located to provide the convenience of such devices as the portable lamp, electric sweeper, radio battery charger, radio

battery eliminator, piano, toaster, grill, percolator, waffle iron, egg boiler, fan, portable heater, hair dryer, curling iron, vibrator, heating pad, iron, ironer, dish washer, clothes washer, refrigerator, utility motor, sewing machine.

These outlets are often so located as to be inconvenience outlets. Careful planning should take into consideration the probable location of furniture. In many instances it is possible that you will want to use two appliances at the same time, and duplex outlets should be used. Outlets for lamps may be located in baseboard or floor. It is good practice to locate outlets which will be used for portable appliances at a height of from two to three feet from the floor, in this way eliminating the inconvenience of stooping over. The dining room table and tea wagon should also be wired with convenience outlets. A duplex outlet should be installed in the garage to permit the use of the utility motor and an extension lamp as an aid in working on the machine.

We are now ready to consider the work shop of the home. Men have long recognized the necessity of labor saving devices in their business, and the housewife may also apply labor saving devices to her tasks. In fact, the modern home furnisher buys attractive furniture for the kitchen as well as for the balance of the home. The days of the dirty old stove are gone, and the housewife can take the same pleasure in her kitchen as in any other room.

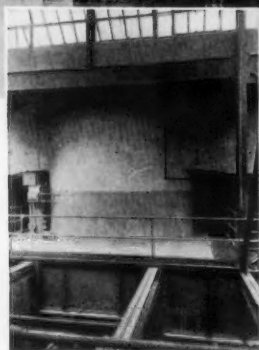
The electric range has been accepted by tens of thousands of housewives. By means of its positive control and the automatic controls for the oven, it is simplicity in itself to operate. It has absolutely eliminated the guess work of cooking. One housewife, whose electric range has a white enamel cooking surface, said: "I keep the top of my range as clean as any china plate."

The electric water heater will give a perfect hot water service. These heaters are usually located in conjunction with a boiler of from 18 to 40 gallons capacity. The heater is automatic, inasmuch as it will heat the water in the boiler to the desired temperature and cut itself off thermostatically. When hot water is drawn off, the heater will automatically heat the cold water which has replaced the hot water drawn off. All hot water pipes in the home should be insulated so as to minimize radiation.

Dish washing is perhaps one of the most disagreeable tasks in the home. The drudgery of this has been eliminated by means of the electric dish washer.

Refrigeration by wire is the most modern development in the home. The electric refrigerator does away with the necessity for hanging out the ice sign, or staying home for the ice man. There is no dirt, and no drainage is necessary with this modern appliance. The machine works automatically and maintains a constant, cold, dry temperature in the box. There are compartments where ice cubes are frozen for the table, and where ice

[Continued on page 64]



Edison steam plant at Power, Calif., between Terminal Island and Long Beach, with total capacity of 287,600 horsepower.

At left is shown a cooling tank on top floor. This tank receives the return from the water jackets around generator bearings.

This Plastite-lined tank is proof against boiling sea water!

SEA water is used in water jackets around the generator bearings in this modern plant of the Edison Company. The salt water returns to this tank boiling hot. The tank was waterproofed inside with three coats of plaster made with Plastite.

Plastite was also used to waterproof the basement walls of the plant, some of these walls being under water at high tide.

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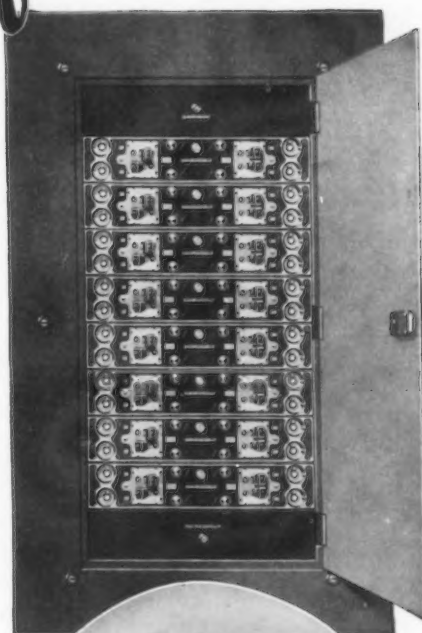
Frank Adam

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[Concluded from page 39]

gives a better support to the floor above, but requires more labor than N. The single-stick 4 by 4 inch header of M is better than the doubled 2 by 4 inch headers of O or Q, because it is stiffer. Supports under the ends of the sill should not be omitted as in O and Q. Q is very poorly framed because the header which takes loading from the floor above is supported at its ends by nailing only.

The tests mentioned above also show that half the resistance to earthquakes of a timber frame house depends on the wooden sheathing. Any weaker substitute, used as a ground for the stucco in place of the wooden sheathing, will accordingly increase the earthquake hazard. The resistance of a building may be increased considerably by driving three 8-penny nails instead of two, wherever each board of sheathing crosses a stud, a stud brace or a plate.

INTERIOR PARTITIONS. The main cross partitions should have 2 by 4 inch studs, they should be well stiffened by diagonal stud braces and their plates should be adequately tied to the plates of the exterior walls, so that the cross partitions will serve to tie and brace the latter.

PROVISION FOR PIPING. It is exceedingly important that the architect make provision for all piping in the framing plans, so that plumbers will not be compelled to mutilate or remove important supports, braces or ties in order to install their fixtures. This duty of the architect should not be delegated to the carpenter. The best method is to run the piping between double walls.

Because of lack of space, a discussion of the stucco exterior and construction of chimneys must be omitted.

In conclusion, the adoption of the structural details in regard to framing outlined in the preceding paragraphs will add only a trifling amount to the cost of construction of a two-story dwelling, yet the writer believes that such

timber frame house, when built on a reasonably good natural foundation, will survive without appreciable damage any earthquake likely to occur in California.

* * *

SKETCHES OF NORTHERN SPANISH ARCHITECTURE; BY SAMUEL CHAMBERLAIN

Few architects today need be told who Samuel Chamberlain is. His charming European sketches, published during late years in various magazines, have struck a new note of brilliance and delicacy in draftsmanship. The present volume comprises some fifty drawings in pencil, ink, and wash; delightful bits of composition, some of familiar subjects, but mostly chosen from the multitude of little-known fascinating architectural gems with which Spain sparkles. These are the motifs that American architects are finding so well adapted to many types of buildings here—especially in California and Florida.

No Pacific Coast architect could see this collection of sketches, really exquisite in themselves, without desiring it for inspiration in his own problems of design.

Sketches of Northern Spanish Architecture, in Pen, Pencil and Wash, by Samuel Chamberlain. The Architectural Book Publishing Co., Inc., 31 East 12th Street, New York.

* * *

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A heating system which is unique in the history of gas heating has just been installed in the office building of A. S. Therberge, a 12-story structure at 1013-1015 South Los Angeles street, by the Pacific Gas Radiator Company. Instead of a central plant, a pressed metal gas radiator has been installed in each of the 78 rooms and a special suction exhaust fan on the roof assures perfect ventilation and removal of gases from the vent line. This installation is said to be the only one of its kind in Southern California.

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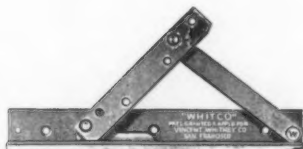
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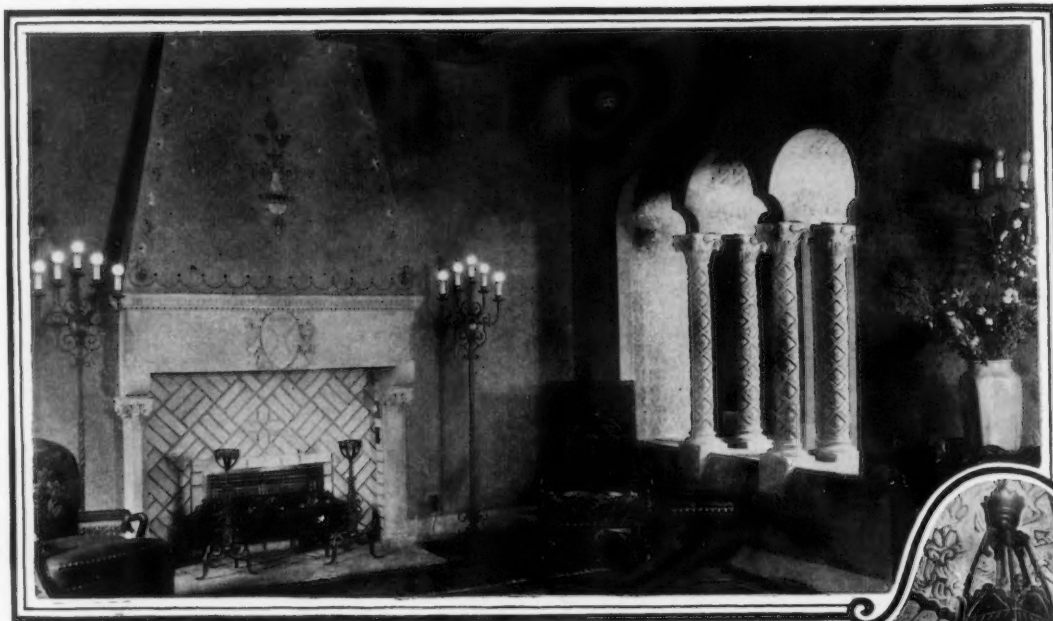


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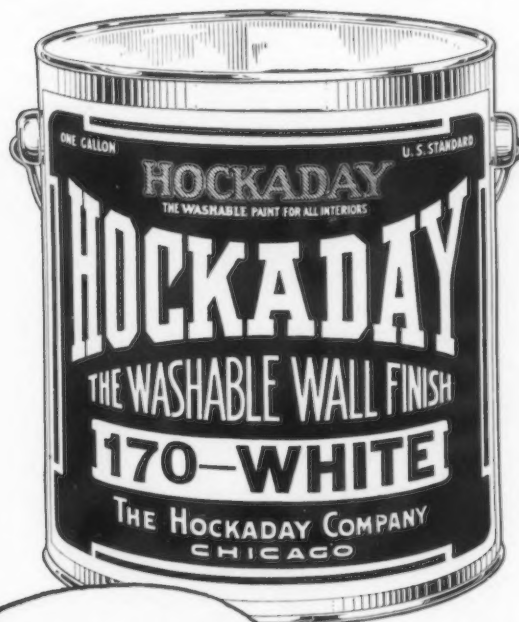
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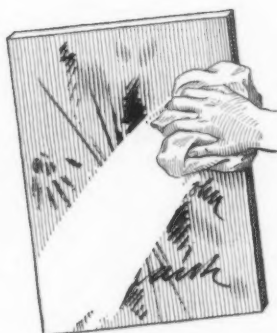


*Detail of Interiors of
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*Norman W. Alsbaugh
Architect*



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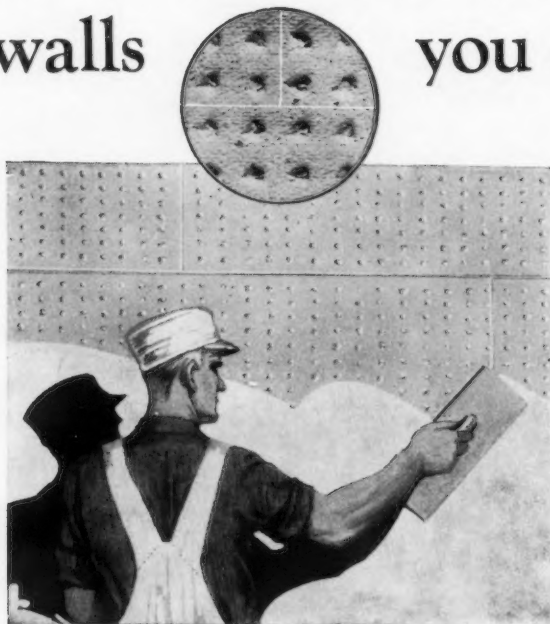
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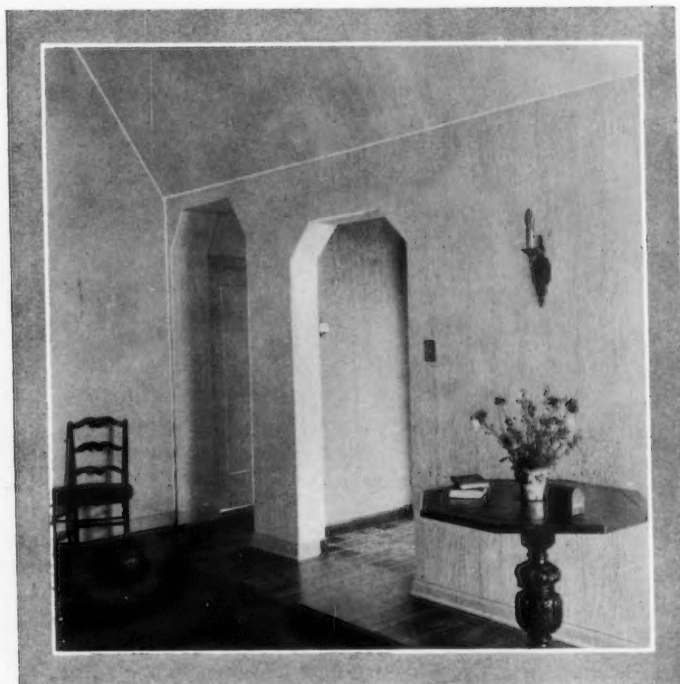
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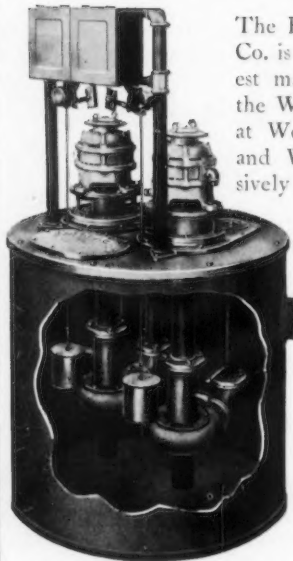
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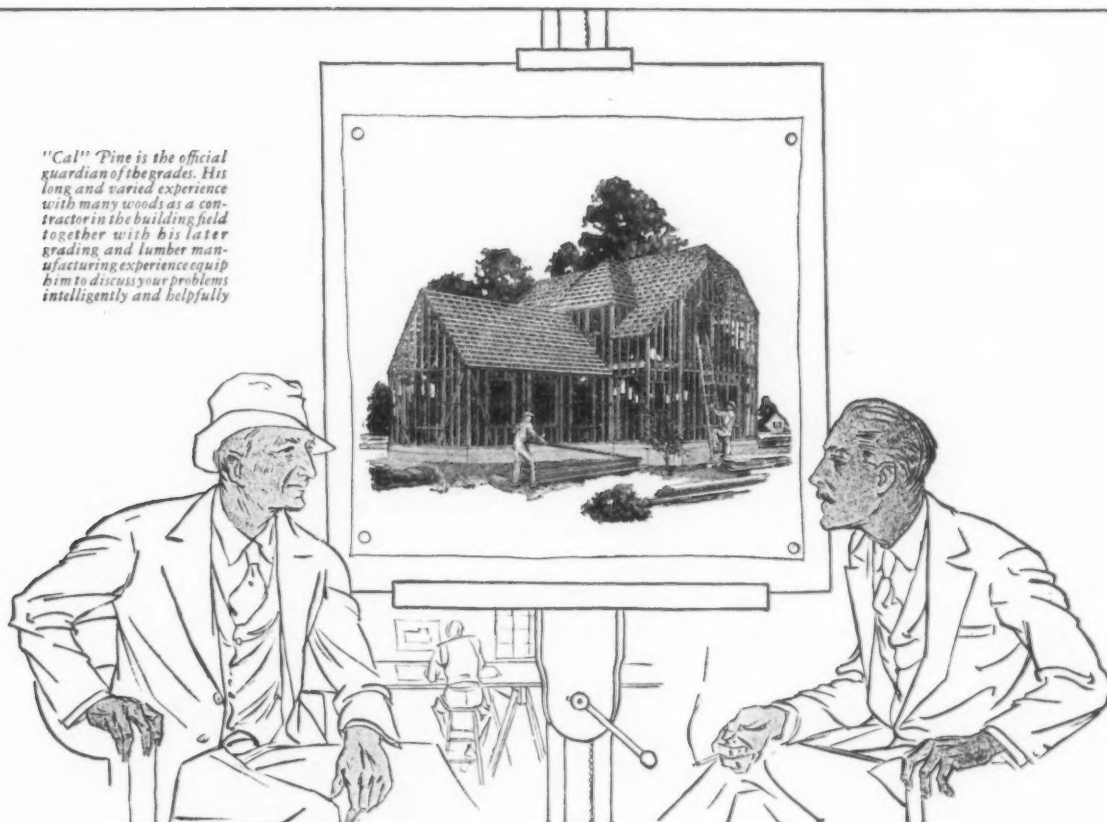


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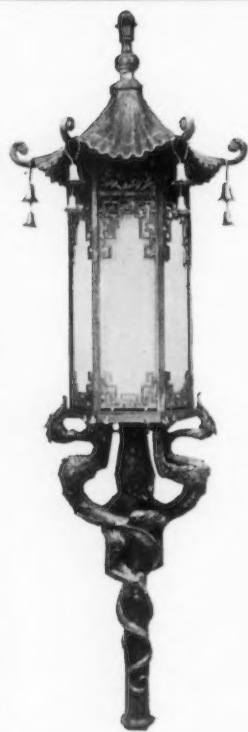
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HEATING, LIGHTING AND POWER PROBLEMS

[Continued from page 49]

cream, sherbets, parfaits, mousses and salads may be frozen. Due to its constant low temperature foods are kept longer, and under ideal sanitary conditions. The housewife with the electric refrigerator can always have "frozen dainties" prepared which can be served to the unexpected guest, with little effort and no delay.

Electric room heating is somewhat of a confused subject in the minds of many people. This confusion exists because of the many small portable socket heaters which are on the market. These small heaters have a very definite field, but they are not the best type to heat rooms. Anyone purchasing this type of heater for heating rooms is bound to be disappointed, and might condemn electric air heating because of this experience.

Heavy duty electric air heaters of radiant convection (or convection type) are manufactured which will eliminate all need for any other forms of heating. These heaters require special wiring, and cannot be used on the ordinary convenience outlet. The principle of electric room heating is to locate heaters of correct size in various convenient places throughout the home. It is advisable to have each heater of sufficient size to heat the required space to 70° F. on the coldest day.

The heaters are equipped with three heat switches, which provide for full, one-half or one-quarter capacity operation. The heaters may also be controlled by thermostat. For hand control the best method of operation is to turn the heater on full until the desired temperature is reached, and then cut the heat down to one-half or one-quarter, depending upon the outside temperature to maintain the inside temperature. These heaters are built in two types for use in the home, one of the flush type, which is built in the wall, and the other portable, which can be moved from room to room. The advantages of electric heating are many, including cleanliness, speed, reliability, long life, and flexibility; it is possible to heat any desired portion of the house without heating other, unoccupied rooms. The speed also is a great attraction, as there are many days when a little heat is desired for a short period of time.

It is imperative that heater sizes be computed by a specialist experienced with electric heating.

You are, no doubt, thinking that this is all very fine, but how much does it cost? To cover thoroughly the question of cost was not the intention of this article. However, you should know that special rates are offered by all Electric Service Companies for this class of service.

The installation cost of electric heating compares favorably with that of other good systems, and after a little experience in regulating heat controls, using common sense in avoiding waste heat as we have learned to do with our electric lighting systems, the cost of operation can be kept surprisingly low, in spite of frequent statements to the contrary. As the great development of water power grows, rates will undoubtedly be correspondingly decreased. You should also consider that in such homes as outlined herein, a servant is often eliminated, and even if this is not true, that there is a great saving in the amount of work done by the housewife. Surely this time saved has a value, and if it is considered, the cost of the electrically operated home will be found decidedly economical.

The intention of this article is to point out the importance of the electrical wiring in the home. Even though all applications of electrical servants may not be made immediately, it is important that provision in wiring be made. The electric service which includes the wires leading from the first point of contact on the building to the meter location is the electrical foundation.

To assure that this foundation is large enough to carry

the electrical load, it is necessary to work from the inside toward the meter. When the inside requirements are determined, it is a simple matter to determine the correct size for this foundation.

* * *

GRAPHIC ARTS PRINTING EXHIBITION AT LEGION OF HONOR PALACE

From May 12 to May 30 inclusive, there is to be on view at the California Palace of the Legion of Honor, an exhibition of fine printing. This exhibition consists of recently issued books and contemporary printing for commerce both arranged by the American Institute of Graphic Arts, New York City. Under the title of "Fifty Books of 1925," the Institute is showing the fifty best books that it has selected as being the fifty best printed books in the whole United States during the year preceding; and under the title of "Contemporary Printing for Commerce" what it considers to be the best representative examples in this field produced last year by American printers and designers.

San Franciscans will be interested to know that four of the fifty books were printed here in San Francisco, as well as ten of the 200 specimens shown of commercial printing—a very large proportion as compared with the whole United States.

From the aesthetic standpoint typography and fine printing are, in the Graphic Arts, a branch of the art of design. For this reason the present exhibition is of serious interest not alone to every printer, every advertising agent, and every buyer of printed matter, but also to every business man or manufacturer into whose product there enters applied industrial art in any form.

The installation in the California Palace of the Legion of Honor opened on Wednesday, May 12th, and will close Sunday evening, May 30th. On the evening of the opening day Mr. Andrew Y. Wood delivered an address on the significance of the exhibition, followed by a musical program rendered by the Museum's official organist, Marshall W. Giselman.

* * *

NEW BOOK ON SHINGLES

A new development in asbestos shingles, which gives "color texture" tone gradations and the random widths, broken butts and tapered thicknesses that add charm to the roofs is described in a booklet issued by The Asbestos Shingle, Slate and Sheathing Company, of Ambler, Pa. The booklet is handsomely printed in four colors and shows examples of the color effects that are obtainable with the new medium.

* * *

OUTLINE OF A SMALL HOUSE PLAN BUREAU

[Concluded from page 45]

SUPERVISION:

1. Optional service; specified number inspection trips at moderate fixed rate.
2. Bulletin for country owners giving data as to good construction and materials.
3. Special service by young architects.

ORGANIZATION:

1. Budget; cost of sketches, jury, central office, etc.; receipts from endowments, plan sales, advertising, syndicating, extra sales.
2. Probable deficit first year, but accumulating returns.

OBSTACLES:

1. Prejudice within the profession.
2. Location of central office (Santa Barbara).
3. Contractors; subject to education.
4. Commercial plan services.

OBJECT:

1. Danger and extent of unprofessional plan services.
2. Practical and workable basis to counteract these evils; from which better things may grow.



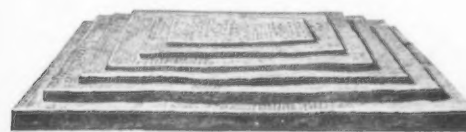
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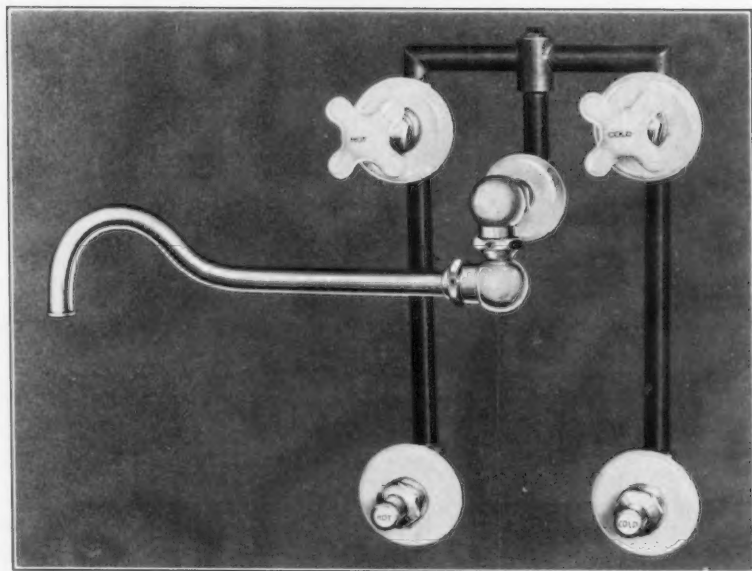


FIG. 48

"BEAR BRAND" BED PAN WASHER

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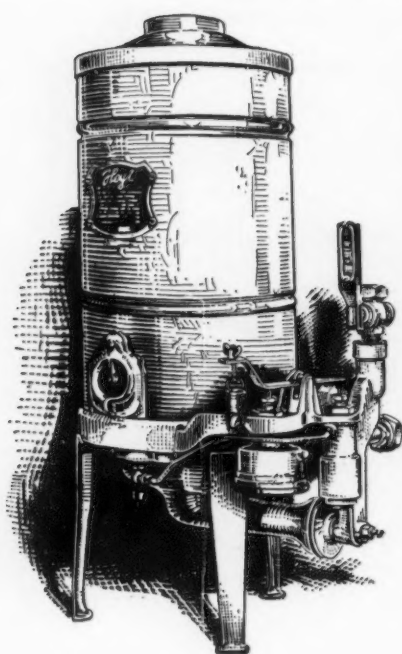
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See 20th Edition Sweet's Architectural Catalog, page 1860

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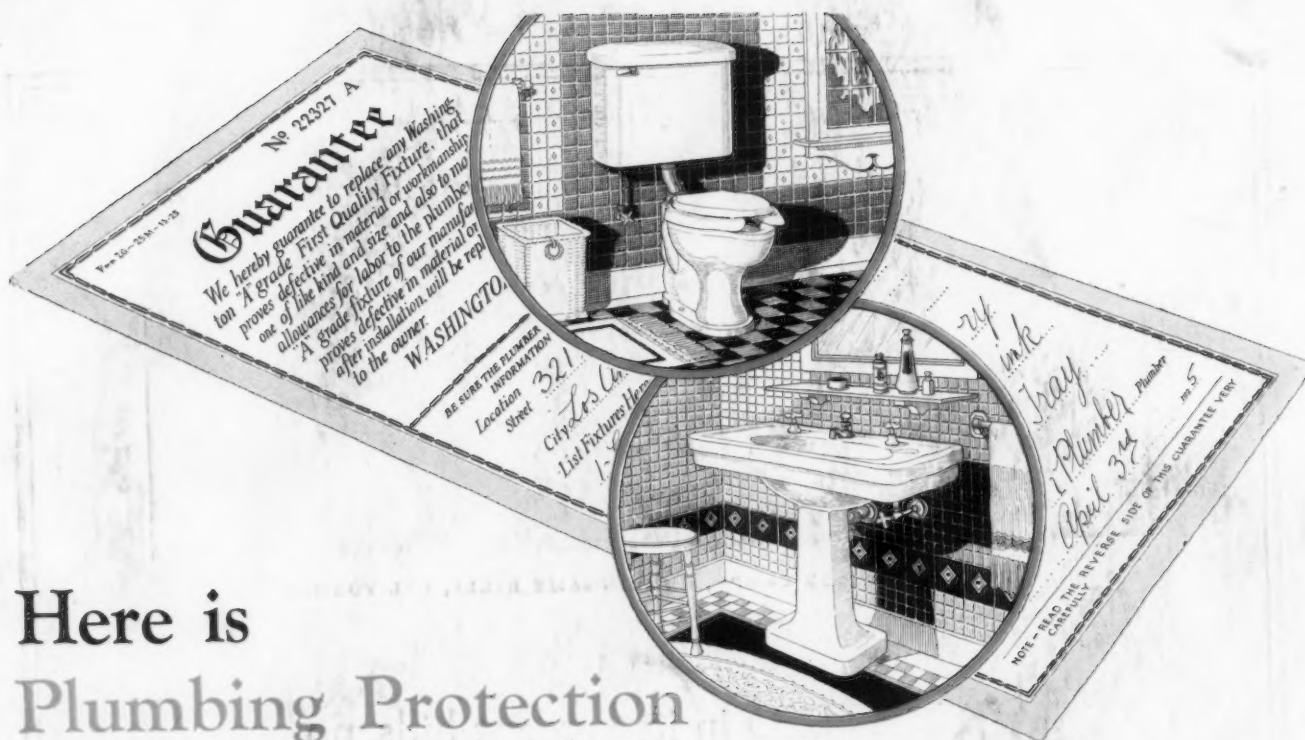
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